



AGRICULTURAL RESEARCH INSTITUTE

PUSA

ESTABLISHED
A.D. 1804.



INCORPORATED
A.D. 1809.

THE
ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON S.W.



PATRON

Her Most Gracious Maj.

315992



IARI

ARRANGEMENTS

FOR THE YEAR

➤* 1898. *➤

Telegrams: "HORTENSIA, LONDON."



LONDON:

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

BY

SMITH & EBB, PRINTERS, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.

All applications for space for Advertisements in the Society's Publications must be made to the SECRETARY, 117, VICTORIA STREET, LONDON, S.W.

ALL GROWERS SHOULD USE THOMSON'S Vine, Plant & Vegetable Manure

The result of many years' practical experience. So compounded as to combine stimulating with lasting effects.

 NONE IS GENUINE THAT DOES NOT BEAR OUR NAME ON THE SACKS.

Awarded ONLY MEDAL for Artificial Manures at Edinburgh International Exhibition, 1886;
and GOLD MEDAL at Edinburgh International Show, September, 1891.

This Manure is a safe and certain FOOD and STIMULANT for every fruit-bearing Plant, from the VINE downwards, as well as for Pot Plants, Out-Door Plants, and Vegetables.

Directions for use are placed in each Sack, and printed on the Tins,
1 CWT. AND UP CARRIAGE PAID TO ALL STATIONS IN THE
UNITED KINGDOM.

Can be had of all Nurserymen and Seedsmen.

TERMS—

| | | | | | | | | | | | |
|---------|----|----|-----|----|---|-----------|----|----|----|---|---|
| 1 ton | .. | .. | £18 | 0 | 0 | 28 lbs. | .. | .. | £0 | 6 | 0 |
| 10 cwt. | .. | .. | 9 | 10 | 0 | 7 lb. Tin | .. | .. | 0 | 3 | 6 |
| 5 | .. | .. | 5 | 0 | 0 | 3 | .. | .. | 0 | 2 | 0 |
| 1 cwt. | .. | .. | 1 | 0 | 0 | 1 | .. | .. | 0 | 1 | 0 |
| 56 lbs. | .. | .. | 0 | 10 | 0 | | | | | | |

AGENT FOR LONDON—MR. J. GEORGE, 14, REDGRAVE ROAD, PUTNEY.

AGENT FOR CHANNEL ISLANDS—MR. J. H. PARSONS, MARKET PLACE, GUERNSEY.

—:83:—

THOMSON'S SPECIAL TOP-DRESSING MANURE.

To be used as an additional Stimulant during the growing season
for Chrysanthemums and other Plants.

TERMS—

| | | | | | | | | | |
|---------|----|----|----|------|---------|----|----|-----|-----|
| 56 lbs. | .. | .. | .. | 20s. | 14 lbs. | .. | .. | 6s. | 0d. |
| 28 " | .. | .. | .. | 11s. | 7 " | .. | .. | 3s. | 6d. |

Directions for use are placed in each Bag.

½-CWT. AND UP CARRIAGE PAID TO ALL STATIONS IN THE UNITED KINGDOM.

5 per cent. for cash in 14 days.

Sole Makers: WM. THOMSON & SONS, (Ltd.),
TWEED VINEYARDS, CLOVENFORDS, GALASHIELS.

FULL DIRECTIONS AND TESTIMONIALS ON APPLICATION.

PERFECT PLANT FOODS AND STIMULANTS.

R.H.S. Advertisement Office:—117, VICTORIA STREET, LONDON, S.W.

1898.
COUNCIL AND OFFICERS

3

OF THE

Royal Horticultural Society.

OFFICES:

117, VICTORIA STREET, WESTMINSTER, S.W.

TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.

HER MOST GRACIOUS MAJESTY THE QUEEN AND EMPRESS.

PRESIDENT.

SIR TREVOR LAWRENCE, BART.

VICE-PRESIDENTS.

T. J. BENNETT-POE.
S. COURTAULD.

T. B. HAYWOOD.
SIR JOHN T. D. LLEWELYN, Bart., M.P.

TREASURER.

PHILIP CROWLEY, F.L.S.

COUNCIL.

*NORMAN COOKSON.

*JAMES DOUGLAS.

REV. G. H. ENGLEHEART, M.A.

*THOS. GABRIEL.

R. McLIACHLAN, F.R.S.

W. MARSHALL.

CHARLES E. SHEA.

T. STATTER.

HARRY J. VEITCH, F.L.S.

AUDITORS.

A. H. PEARSON.

JAMES H. VEITCH.

HARRY TURNER, V.M.H.

PROFESSOR OF BOTANY.

REV. HENSLOW, M.A., V.M.H.

CONSULTING CHEMIST.

DR. A. VOELCKER, M.A.

FOREIGN CORRESPONDING SECRETARY.

MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.

REV. W. WILKS, M.A.

GARDEN SUPERINTENDENT.

S. T. WRIGHT.

CASHIER.

FRANK READER.

ASST. SUPERINTENDENT.

T. HUMPHREYS.

CLERK.

W. FLOWMAN.

BANKERS.

LONDON AND COUNTY BANKING COMPANY (Westminster Branch.)

A Complete List of Fellows to January 1st, 1898, is published with the Report of the Council, and Balance Sheet.

* Retire on February 8th, 1898, under the operation of Bye-laws 65 & 84.

1898.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was first established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. The Society quickly increased in number, and was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third to several Noblemen and gentlemen, "for the Improvement of Horticulture in all its branches, ornamental as well as useful." It is composed of Fellows, and of Honorary, Corresponding, and Foreign Members; and its affairs are managed by a President and Council of fifteen Members elected annually on the second Tuesday in February from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (*See* pages 9 and 15.)

3. The Gardens of the Society are devoted to the culture of Apples and Pears, Peaches, Plums, Grapes, Tomatos, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments are continually being made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results of such experiments and trials are published in the Society's *Journal*. The Gardens are open to the Fellows to make personal inspection of the various plants under trial, and observation of the experiments which may be in progress. The Gardens contain a very large collection of fruit

trees, &c., especially of Apples, Pears, Figs, and Vines ; the great Vinery, 180 feet long, being in the fruiting season a sight of most exquisite beauty. (*See* page 10).

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the 2nd and 4th Tuesdays* in each month (except in January, February and December, when there is only one monthly meeting) in the **Drill Hall** of the London Scottish R.V., in **James Street, Victoria Street, Westminster**, (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores), and a short Lecture (afterwards published in the *Journal*, see p. 28) is given at 3 p.m. on some subject of general Horticultural interest. To these Meetings Fellows of the Society are admitted free, at 1 o'clock. The Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 22 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. Verbatim reports appear later on in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices of the Society are situated at 117, **Victoria Street, Westminster**, where also is kept the Society's Library, and the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. These libraries, containing upwards of 3,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See* page 35).

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw the adjacent ordinary meetings on to the 1st and 3rd Tuesdays.

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last ninety years. The *Journal* is regularly forwarded post free to all subscribing Fellows, (and to such Honorary and Life Fellows as make written application for it.) It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (See page 28).

INFORMATION.

9. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

10. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present between 3,000 and 4,000 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND TERMS OF SUBSCRIPTION TO THE *Royal Horticultural Society.*

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained at the Office, 117, Victoria Street, Westminster, or will be forwarded by post on application to the Secretary. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 6), is entitled—

- 1.—To **One** Non-transferable (personal) Pass and **Five** Transferable Tickets admitting to all the Society's Exhibitions at the Drill Hall, Westminster, or elsewhere, and to the Chiswick Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c. **Back Numbers** may be obtained by Fellows at reduced prices.
- 5.—To purchase, at reduced rates, such fruit, &c. as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, cuttings, &c., as may be available for distribution. Fellows residing beyond a radius of 35 miles distance from London (calculated by the A. B. C. Railway Guide) are entitled to a double share.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 9.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To **One** Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **ONE** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 8.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

The Society being incorporated by Royal Charter, the Fellows incur no personal liability whatsoever, beyond the payment of their Annual Subscriptions.

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION

OF

LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society.
- 4.—To purchase at cost price one Silver and one Bronze Medal of the R.H.S.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society.
- 4.—To purchase, at cost price, two Silver and two Bronze Medals of the R.H.S.

N.B.—Local Societies are invited to send interesting exhibits and specimens of Plants, Plant Diseases, &c., to the R.H.S. Fortnightly Meetings of the Floral, Fruit, Orchid, and Scientific Committees (*see* dates at pp. 50—64), and to correspond with the Secretary of the R.H.S. on any interesting Horticultural subjects or events in their locality.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society in introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

| Price of Medals (post free) to Affiliated Societies. s. d. | | | | |
|--|----|---|--|--|
| Silver Flora, 2½ inches in diameter, in Morocco Case, complete | 17 | 9 | | |
| Bronze Flora do. do. do. do. | 6 | 9 | | |
| Silver Banksian, 1½ inch in diameter do. do. | 8 | 9 | | |
| Bronze Banksian do. do. do. do. | 4 | 9 | | |

Each Local Society receives a Certificate of Affiliation.

Fellows of the R.H.S. belonging to Local Societies are requested to kindly call attention to the scheme of affiliation in their respective districts.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1897.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on the preceding page.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

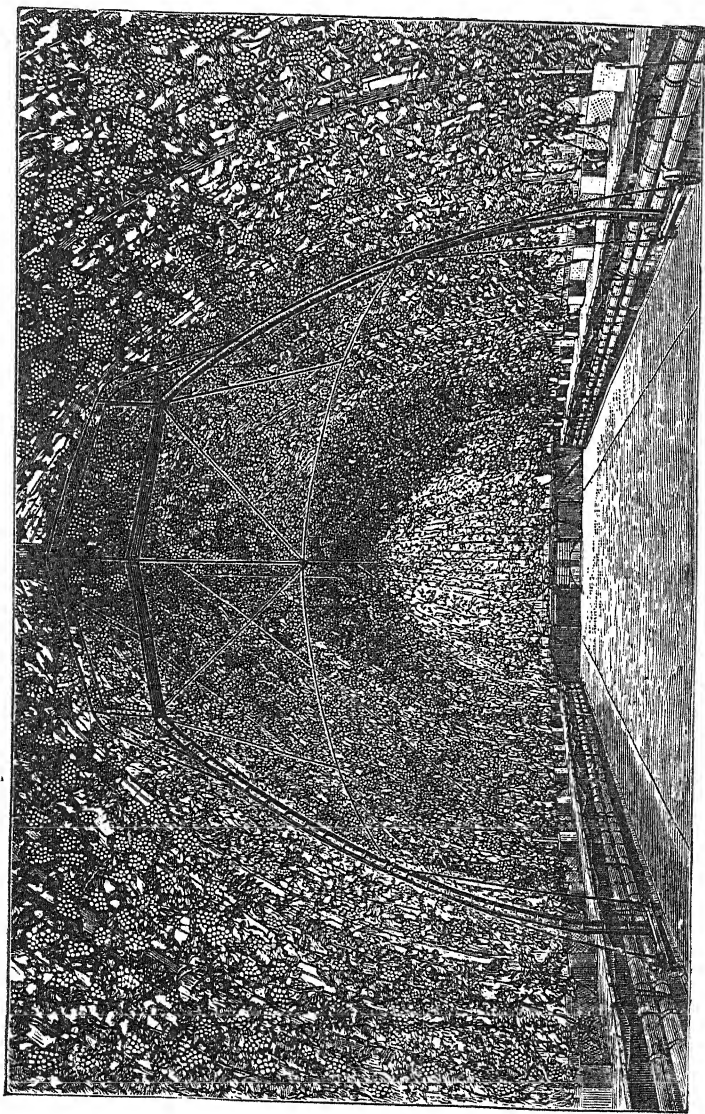
1898.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have devoted careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

One of the largest houses, No. 6, is devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See* page 12).

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Phloxes, Herbaceous Pæonies, Irises, Perennial Asters, Ivies, Early and Late Chrysanthemums, and Cape Pelargoniums are very extensive. A large number of Carnations have been planted. Violas, Cannas, Zonal Pelargoniums, and outdoor Chrysanthemums, tried in 1897, are reserved for trial again in 1898. Fuchsias and Pentstemons, as border plants, Spireas, and Saxifrages for both rockwork and borders, will also receive attention. *See* page 12.

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK, 1898.

ZONAL PELARGONIUMS.—It is proposed to continue the trials of these in 1898 :—

- (i.) For testing them for out-door summer blooming.
- (ii.) For testing them for in-door blooming in Summer.

Two plants of each variety should be sent in March to the Superintendent, Royal Horticultural Society Gardens, Chiswick, carefully distinguishing between those recommended for out-door and those for in-door blooming. Of any variety good for *both* purposes four plants should be sent.

CHRYSANTHEMUMS for *outdoor blooming* in early autumn. The trial of these will be repeated in 1898.

A large number of Chrysanthemums are styled “early flowering.” It is desired to discover which of these are sufficiently early (without being too early) to be worth cultivating in the open ground for autumn flowers. All growers interested in this trial are requested to send two plants or rooted cuttings of each variety to the Gardens in March.

VIOLAS.—Six plants of each should be sent as soon as possible.

FUCHSIAS for greenhouse decoration Two plants of each variety should be sent early in the Spring, addressed to the Superintendent, Royal Horticultural Society’s Gardens, Chiswick, W.

PENTSTEMONS for border plants. Two plants of each variety, or a small packet of seed, should be sent early in the Spring.

SAXIFRAGES for rockwork and borders. —Two plants of each variety should be sent as *early as possible*.

SPIRÆAS, shrubby species for hardy border plants.—Two plants of each variety should be sent as *early as possible*. It would be advisable to give the colour of flower of each species or variety, so that each colour may be planted together for comparison.

NEW CANNAS.—One plant of each should be sent as above on or before February 1, 1898.

ONIONS.—*Autumn-sown* varieties are now being tried.

POTATOS.—*New early ones only.* 20 Tubers of each variety to be sent as above by February 1, 1898.

PEAS.—*New varieties only.* Seed to be sent in January.

TOMATOS.—*New varieties only.* Seed should be sent in January.

RADISHES.—Seeds should be sent as above in January, 1898.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoy, Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce, Onions, Radish, Parsley—Half an ounce of each.

Potatos—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

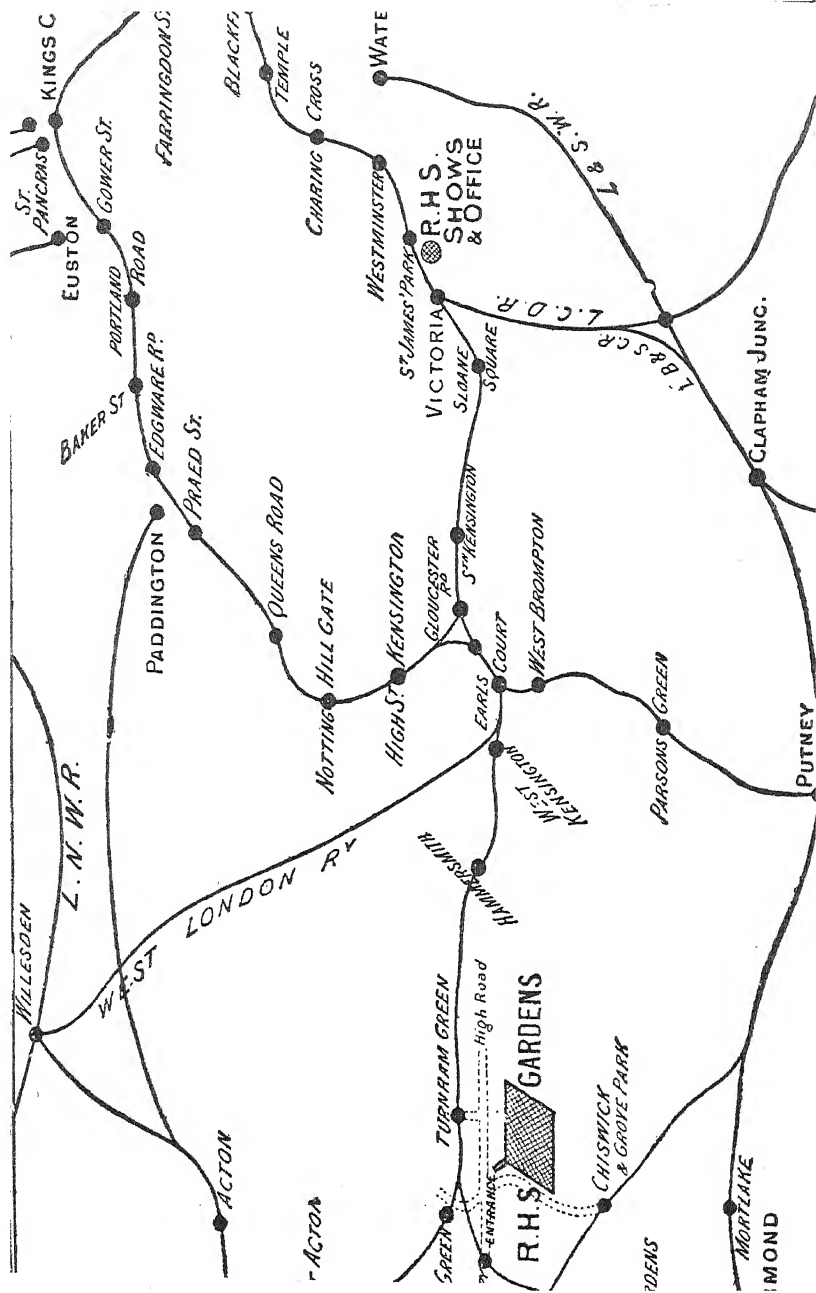
Flower Seeds—Sufficient of each variety to ensure a fair trial.

JUDGING RULES.

These Rules, which are known as the “R. H. S. 1896 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors,” have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of Horticultural Societies throughout the Kingdom.

PRICE, POST FREE, 1s. 1d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.



D I R E C T I O N S

TO

FELLOWS OF THE SOCIETY AND OTHERS

WISHING TO VISIT THE

SOCIETY'S GARDENS AT CHISWICK

(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by the Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. *Omnibuses and Tram Cars.*—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

REGULATIONS
FOR
ADMISSION TO R. H. S. GARDENS,
CHISWICK

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnersbury and Turnham Green Railway Stations).*

ON showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket ; or by payment of, on ordinary days, Sixpence, on Show days, One Shilling, or such other payment as the Council may from time to time appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days, and on July 5th, 1898.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset.

EXAMINATION IN HORTICULTURE,

1898.

The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Tuesday, April 5th, 1898.

The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad : their Nature and Composition : Weeds and their eradication.
- (2) Requirements of Growth—Water, Heat, Air.
- (3) Seeds : Nature of, Duration of Vitality in, and Modes of Germination.
- (4) Roots : Nature and functions of ; Fibrils and Root-Hairs ; what they do, and how they do it—what Helps and what Hinders them.
- (5) Stems and Branches ; their Nature, Work, and uses ; Helps and Hindrances to their work.
- (6) Leaves : what they are, what they do ; Helps and Hindrances to their work.
- (7) Tubers and Bulbs, Leaf-Buds and Flower Buds.
- (8) Growth and development : increase in size and changes of Composition and Structure ; Formation and Storage of Food Materials.
- (9) Flowers : their Component Parts ; what they do : Artificial Fertilisation.
- (10) Fruit : Changes and Development during ripening : Forms and Varieties, as, *e.g.*, Apple, Strawberry, Plum, &c.
- (11) Seed : Formation of.
- (12) Variation and Selection.
- (13) Names and Orders of common Garden-Plants, Trees, &c., &c.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening: Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods: Digging and Trenching; Draining; Hoeing, Stirring the Soil, and Weeding; Watering; Preparation of Seed Beds; Rolling and Raking, Sowing, Transplanting and thinning; Potting, Planting: Aspects, Positions and Shelter; Staking; Earthing and Blanching, &c.
- (5) Propagation. Elementary principles: Cuttings, Budding and Grafting, Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

Lecturers and Teachers wishing their Students to sit for the examination would do well to send to the **Secretary, Royal Horticultural Society, 117, Victoria Street, Westminster**, two copies of the Syllabus on which their Lectures have been based at least one month before date of examination.

Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works: "Primer of Botany" (MacMillan & Co.), by Sir J. D. Hooker, K.C.S.I.; "Botany for Beginners" and "Plant Life" (Bradbury, Agnew & Co.), by M. T. Masters, M.D., F.R.S.; "Popular Gardening," 4 Vols. (Cassell & Co.), edited by T. D. Fish; "Epitome of Gardening" (Adam Black & Co.), by T. Moore, and M. T. Masters; "Agriculture," Parts i. & ii. (John Murray), by W. Fream, LL.D.; "Prize Essay on Fruit Culture," by J. Wright; "Physiology of Plants," by Professor Sorauer (Longmans, Green & Co.); "Structural Botany," by Dr. D. H. Scott (Adam Black & Co.); "Natural History of Plants," by Kerner & Oliver (Blackie & Son).

The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks in the First Class, and will grant Certificates of the Class in which Candidates shall have passed. Persons wishing to sit for the Examination must send in their names and addresses to the Secretary, R.H.S., 117, Victoria Street, Westminster, not later than the 1st of March, 1898, when they will be informed of the nearest centre at which an Examination will be held. A small capitation fee of 3s. will be charged for every Student in order to partially defray the expenses of the Examination.

THE BURROWS & AMHERST SCHOLARSHIPS.

1898, 1899, 1900.

G. W. Burrows, Esq., F.R.H.S., a member of the Court of the Worshipful Company of Gardeners, has very kindly offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society on April 5th, 1898, to the Student who shall pass highest, if he is willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

Another similar Scholarship has been kindly promised for 1899 by the Rt. Hon. the Lord Amherst, who is much interested in the Worshipful Company of Gardeners.

If the student who is at the head of the examination is for any reason unable or unwilling to accept the Scholarship it is then offered to the next highest on the list, and so on throughout the First Class.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS,

Suggestions as to the Purchase of Artificial Manures,
&c., and Instructions for Selecting and Sending
Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use, and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples, are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made.

| | | |
|-----|--|---------|
| No. | | |
| 1. | An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2. | An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3. | An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4. | An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5. | An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6. | An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7. | Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8. | An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. from 10s. to £1 | |
| 9. | An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10. | Partial analysis of a soil, including determinations of clay, sand organic matter, and carbonate of lime | 10s. |
| 11. | Complete analysis of a soil | £3 |
| 12. | Analysis of any vegetable product | 10s. |
| 13. | Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14. | Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15. | Analysis of water used for domestic purposes | £1 10s. |
| 16. | Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analysis must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c., (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

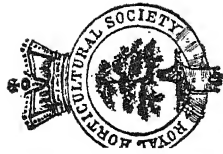
In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed opposite, and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 24 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM FOR ARTIFICIAL MANURES, &C.



Address

To

Date

Please supply me for delivery

Tons

Cwt. of

per ton or per cwt.

At

GUARANTEED to be in accordance with the conditions specified on the back hereof, relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

(Signature of Fellow)

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, etc., to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down with the shovel any lumps that appear. Repeat this operation until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertiliser not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 20.

ROYAL HORTICULTURAL SOCIETY'S "JOURNAL"

VOL. XVIII. SECOND EDITION.

May still be obtained from the R.H.S., 117 Victoria Street, London, S.W.

THIS VOLUME CONTAINS

A Complete Report of the Conference on British Grown Fruit,

HELD BY THE SOCIETY AT THE CRYSTAL PALACE IN 1894,

AND INCLUDES VALUABLE PAPERS ON

"Hardy Fruits for Small Gardens;" "How to Make a Fruit Room;" "Fruit Growing on a Large Scale;" "Grading, Packing and Marketing Fruit;" "Fruit Spraying;" &c., &c.

IN THE SAME VOLUME WILL ALSO BE FOUND

A COMPLETE REPORT OF THE TREE CONFERENCE,

HELD AT CHISWICK IN SEPTEMBER, 1894.

Containing Papers on "The Larch Canker;" "The Utilisation of Waste Land;" "Forest Trees for Commercial Purposes;" "The Management of Plantations;" "The Woods of Kent;" &c.

Price (Post-free) of the combined Reports:—To Fellows of the R.H.S. and bona-fide Gardeners, 2s. 6d.; To Non-Fellows, 5s.

“ JOURNAL ”

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall).

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 90 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., part 3, 1866, 64 pages. Nutritive Constituents of Water; The Rev. M. J. Berkeley, M.A., F.L.S., on a supposed Hybrid Fern; Hints on Hybridizing Fruits; Note on Border Heating; The Cultivation of *Amherstia nobilis*; Peaches and Nectarines at Chatsworth; Disease in Celery; Species of *Cratægus* and *Pyrus* as Ornamental Plants; Horticulture in Hungary. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

- Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebencoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., part 1, 1868, 64 pages. G. Gasparini on the Ripening of Figs; Cultivation of Terrestrial Orchids; Forcing Lilies of the Valley; Forms of Canker, by the late Rev. M. J. Berkeley, M.A., F.L.S., &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., part 2, 1869, 62 pages. Forms of Canker (*contd.*); Cultivation of the Mangrove; Report on the adulteration of Seeds; Report on "Red Rust," and "Take-all," affecting Wheat, &c.; Pruning Forest Trees. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II. part 3, 1870, 122 pages. Observations on the Kumquat, by R. Fortune; M. Decaisne on the Paradise Apple; Notes as to the Locality and Culture of Tobacco, by the Right Hon. G. J. Goschen; Cultivation of Vanilla in Mauritius; Effects of Frost at Melbourne, by Baron Mueller; The Esculent Fungi of America; The Habits and Culture of the Aloe; On the Leaf Coloration and Flower production of Variegated Zonal and other Pelargoniums; Experiments in Potato Grafting; Report on Bedding Plants (Pelargoniums, Fuchsias, Petunias, Lobelias, Verbenas, &c.). To Fellows, 2s.; non-Fellows, 4s.
- Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick Gardens, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. III., parts 9 and 10, 1873, 150 pages. Fecundation of Grasses; Variations in the Offspring of Cross-fertilized Peas; Disease in Sugar-cane; Report on Manures; Vine-pests; Clover-sickness; Wild Pear-trees in Surrey; &c., &c. To Fellows, 2s.; non-Fellows, 4s.

Vol. III., parts 11 and 12, 1873, 200 pages. Varieties of Maize ; Imperfect Hybridity ; Mimetic Analogy ; Grafting and Budding : The Loranthaceæ of Angola, by Dr. Welwitsch ; The Fruiting of Seedling Fruit Trees ; The influence of manures on Plants ; The influence of Foreign Pollen on Fruit produced ; Sericiculture in Canterbury, New Zealand ; Report on 12 kinds of Kale, by Dr. Hogg ; Reports on Pentstemons, Fuchsias, Pelargoniums, Phloxes, Peas and Marrows grown at Chiswick in 1872 ; Title and Contents to Vol. III. To Fellows, 2s. ; non-Fellows, 4s.

Vol. V., 1877-79, parts 4, 5, and 6, 168 pages. Report on Tomatos, Asters, Turnips, Filberts, Savoys ; Fungoid diseases of the Vine ; Cyclamen ; Culture of the Fig ; Fern Sports ; Native Country of the Potato ; the Nomenclature of Garden Plants ; Disease in the Ash ; the Genus Tulipa ; Title and Contents to Vol. V. To Fellows, 1s. 6d. ; non-Fellows, 3s.

Vol. VI., 1880, 168 pages. Proceedings of the Society. To Fellows, 1s. ; non-Fellows, 2s.

Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s. ; non-Fellows, 5s.

Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d. ; non-Fellows, 3s.

Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, etc. To Fellows, 2s. ; non-Fellows, 4s.

Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference** ; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, etc. To Fellows, 2s. ; non-Fellows, 5s.

Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference** : Papers on Asparagus, Winter Salads, Peas, Potatos,

- &c.; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c.; Reports of the **Carnation Conference** and of the **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 1, 1891, 215 pages. Dahlia and Grape Conferences; Trees and Shrubs for towns; Crinums; Figs; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, Fruits for Cottagers, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferæ, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d.; Non-Fellows, 15s. 6d.
- Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c.; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XV., parts 2 and 3, January, 1893, 400 pages. Contains a Report of the **Begonia Conference** and all the papers read

thereat ; also the Conference on Apricots and Plums, besides papers on Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6*d.* non-Fellows, 7s. 6*d.*

Vol. XVI., part 1, August, 1893, 276 pages. Contains papers on the effect of Fog on Plants ; the effects of Glass of various colours on Plants ; Flowers of the French Riviera ; Alpine Plants and their treatment ; Chemical questions concerning the Soil ; Hardy Rhododendrons and Azaleas ; American Blight ; Antiquity of the Citron Tree in Egypt ; Examination in Horticulture ; Notices of Books, and Proceedings of all the Committees from January to June, 1893. To Fellows, 2s. non-Fellows, 5s.

Vol. XVI., parts 2 and 3, January, 1894, 222 pages. Contains papers on Alpine Houses and Alpine Plants ; Cannas, by J. G. Baker, F.R.S. ; Phloxes and Pentstemons ; causes of Failure in Eucharis Culture ; Pears ; Onions ; Chrysanthemums ; Late-keeping Grapes ; Reports of the Fruit, Floral, and Orchid Committees from July to December, 1893 ; and of the Trials of Onions, Celery, Endive, Potatos, Phloxes, Irises, Cannas, &c., at Chiswick. To Fellows, 2s. 6*d.* ; non-Fellows, 5s.

Vol. XVII., parts 1 and 2, August, 1894, 212 pages. The Cedar of Goa ; Deciduous Trees and Shrubs of Japan ; Rare Trees and Shrubs in the Arnold Arboretum ; Hybrid Narcissi ; Botanical Exploration in Borneo, Flowering Trees and Shrubs. Proceedings, &c., &c. To Fellows, 2s. 6*d.* ; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants ; Filmy Ferns ; Gardeners and their Employers ; Lord Bute's Vineyards ; Origin of Common Vegetables ; Judging at Flower Shows, &c. To Fellows, 2s. 6*d.* ; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs with papers on the " Larch Disease ; " " Forest Trees for Commercial Purposes ; " " The Utilization of Waste Ground unsuitable for Agriculture ; " " The General

Management of Woods"—**Conference on British Grown Fruit** at the Crystal Palace, with papers on "Fruit Growing in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 1, August, 1895, 209 pages. Seedling Narcissi; Tomato Disease in Guernsey; Sleeping Disease of Tomatos; Lifting large Trees; Campanulas; **Primula Conference**; Plants and Gardens of the Canary Isles; Culture of Roses under Glass, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 2, November, 1895, 202 pages. Fruit Culture in France; Manures and their Uses; Introduction of Potatos into England; **Crystal Palace Fruit Show, 1895**; New Fruits of Recent Years; Pruning Fruit Trees; **Prize Essays** on the "Commercial Aspect of Hardy Fruit Growing," &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show, Report**. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases

of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen: Reports on Potatos, Kales, Roses, Early Chrysanthemums and Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.

BULBOUS IRISES,

By PROF. M. FOSTER, *Secretary of the Royal Society.*

PROFUSELY ILLUSTRATED.

An exhaustive treatise on these beautiful plants. Almost every species is fully described and illustrated, and particulars as to distinguishing characteristics, growth, time of flowering, native country, &c., are given. Price to Fellows, 1/6; non-Fellows, 2/6.

RULES FOR JUDGING

AND

SUGGESTIONS TO SCHEDULE MAKERS, JUDGES AND EXHIBITORS.

R.H.S. Office, 117, VICTORIA STREET, S.W.

Post free, 1s. 1d.

REPORT OF FRUIT CONFERENCE 1894—Price to Fellows 2/6, non-Fellows 5/-.

PRIZE ESSAYS ON BRITISH FRUITS 1895—Price to Fellows 1/6, non-Fellows 3/-.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POE, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (PHILIP CROWLEY, Esq., F.L.S.).

THIS magnificent Horticultural Library consists of about 3,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and will shortly be ready for issue. About £129 has so far been subscribed towards the cost of producing it, but this will not cover the whole cost, and further donations will be gratefully acknowledged by the Trustees.

At present the bulk of the Fellows are quite unaware what the Library contains and those interested in horticultural literature have but very little, if any, means of knowing what has been published on any given subject.

The Catalogue, will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It will be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society for the time being are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public.

Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, pp. 50—64.)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society, for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose ; undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1898.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., &c., The Camp, Sunningdale.

VICE-CHAIRMEN.

DYER, W. T. THISELTON, C.M.G., F.R.S., Royal Gardens, Kew.

FOSTER, Professor M., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., F.L.S., Drayton House, Ealing, W.

ALLEN, J., Park House, Shepton Mallet.

BAKER, J. G., F.R.S., Royal Gardens, Kew.

BALFOUR, Prof. I. B., F.R.S., Botanic Gardens, Edinburgh.

BONAVIA, Dr. E., 5, Harrington Mansions, South Kensington.

BURBIDGE, F.W., M.A., F.L.S., Trinity College Gardens, Dublin.

CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.

DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.

DOD, Rev. C. WOLLEY, Edge Hall, Malpas, Cheshire.

ELWES, H. J., F.L.S., F.Z.S., Colesborne, Andoversford, Glos.

ENGLEHEART, Rev. G. H., M.A., Appleshaw, Andover.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FRANKLAND, E., F.R.S., The Yews, Reigate Hill, Reigate.

GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.

LINDSAY, R., Botanic Gardens, Edinburgh.

LLEWELYN, Sir J. T. D., Bart., F.L.S., Penllergaer, Swansea.

LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.

MAXWELL, W. H., Munches, Dalbeattie, N.B.

McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.

MICHAEL, A. D., F.L.S., Cadogan Mansions, Sloane Sq., S.W.

MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., 14, Cumberland Rd., Kew.

MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.

OLIVER, F. W., D.Sc., F.L.S., 10, Kew Gardens Road, Kew.

PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.

RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.

SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace, Richmond, S.W.

SUTTON, A. W., F.L.S., Reading.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

WARD, Prof. MARSHALL, F.R.S. The Laurels, Englefield Green, Staines.

WILSON, GEO. F., F.R.S., Heatherbank, Weybridge Heath.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1898.

CHAIRMAN.

CROWLEY, PHILIP, F.L.S., Waddon House, Croydon.

VICE-CHAIRMEN.

BALDERSON, H., Corner Hall, Hemel Hempstead.

BUNYARD, GEO., The Royal Nurseries, Maidstone.

RIVERS, T. FRANCIS, Sawbridgeworth.

WILKS, Rev. W., Shirley Vicarage, Croydon, *Secretary*.

BARRON, A. F., Sutton Court Road, Chiswick, W.

BATES, W., Poulett Lodge Gardens, Twickenham.

BENNETT, W., Rangemore Park Gardens, Burton-on-Trent

CHEAL, JOSEPH, Crawley, Sussex.

CRUMP, W., Madresfield Court Gardens, Malvern.

CUMMINS, G. W., The Grange Gardens, Wallington.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

DUNN, MALCOLM, The Palace Gardens, Dalkeith, N.B.

EMPSON, W. J., Ampthill House Gardens, Beds.

FARR, W., Spring Grove House Gardens, Isleworth.

FIFE, ROBERT, Dobbie's Nurseries, Orpington, Kent.

GLEESON, W., Warren House Gardens, Stanmore.

HERRIN, C., Dropmore Gardens, Maidenhead.

IGGULDEN, W., North View, Frome, Somerset.

LAING, J., Junr., Forest Hill, S.E.

LANE, FRED. Q., Berkhamsted.

MCINDOE, JAMES, Hutton Hall Gardens, Guisborough.

MILES, G. T., Wycomb Abbey, High Wycomb.

NORMAN, G., Hatfield House Gardens, Hatfield.

PARKER, R., Goodwood, Chichester.

PEARSON, A. H., The Nurseries, Chilwell, Notts.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton.

SAGE, G. H., Ham House Gardens, Richmond, S.W.

SALTMARSH, T. J., The Nurseries, Chelmsford.

SMITH, JAMES, The Gardens, Mentmore, Leighton Buzzard.

VEITCH, J. H., King's Road, Chelsea.

VEITCH, P. C. M., The Royal Nurseries, Exeter.

WARD, H. W., Lime House, Rayleigh, Essex.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court, Teston, Maidstone.

WRIGHT, JOHN, 171, Fleet Street.

WYTHES, G., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

FLORAL COMMITTEE, 1898.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMAN.

FRASER, JOHN, The Nurseries, South Woodford.

PAUL, GEORGE, The Old Nurseries, Cheshunt.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BECKETT, E., Aldenham House Gardens, Elstree.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

CANNELL, H., Swanley, Kent.

CANT, CECIL G., Colchester.

COOK, E. T., 9, Fairlawn Grove, Chiswick.

CRANE, D. B., Archway Road, Highgate, N.

CUTBUSH, H. J., The Nurseries, Highgate, N.

DEAN, R., Ranelagh Road, Ealing, W.

DRUERY, C. T., F.L.S., 25, Windsor Road, Forest Gate.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, Willow Cottages, Kew.

GORDON, G., Endesleigh, Priory Park, Kew.

HERBST, H., Kew Road, Richmond.

HOWE, W., Park Hill Gardens, Streatham Common.

JEFFRIES, C., Boston House Gardens, Brentford.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

LAING, J., Forest Hill, S.E.

LOWE, R. B., Ashridge Gardens, Berkhamsted.

MCLEOD, J., Dover House Gardens, Roehampton.

MAY, H. B., Dyson's Lane, Upper Edmonton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., Swanmore Park Gardens, Bishop's Waltham.

NICHOLSON, G., Royal Gardens, Kew.

PAWLE, J. D., 12, Stanley Gardens, Willesden Green, N.W.

PEARSON, C. E., Chilwell, Nottingham.

PEED, T., Roupell Park, West Norwood.

SALTER, C. J., Woodhatch Gardens, Reigate.

SANDERS, T. W., 124 Embleton Road, Lewisham.

SELFE-LEONARD, H., Hitherbury, Guildford.

STEVENS, GEO., St. John's Nursery, Putney.

THOMAS, OWEN, Royal Gardens, Windsor.

TURNER, H., Royal Nurseries, Slough.

WALKER, J., Hain Common, Surrey.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

ORCHID COMMITTEE, 1898.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., Royal Exotic Nursery, Chelsea, S.W.

VICE-CHAIRMEN.

COURTAULD, SYDNEY, Bocking Place, Braintree.

LAWRENCE, Sir TREVOR, Bart., 57, Princes Gate, S.W.

SCHRÖDER, Baron, The Dell, Staines.

O'BRIEN, JAMES, West Street, Harrow-on-the-Hill, *Hon. Sec.*

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALLANTINE, H., The Dell Gardens, Staines.

BOND, T. W., Elstead House Gardens, Godalming.

BROOMAN-WHITE, R., Ardarroch, Garelochhead, N.B.

BROOME, JOSEPH, Sunny Hill, Llandudno.

BURBERRY, H. A., Highbury Gardens, Birmingham.

CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell.

COBB, W., Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, Edenside, Great Bookham.

FOWLER, J. GURNEY, Glebeland, Woodford.

GABRIEL, J. T., 32, Palace Road, Streatham Hill.

HANDLEY, Rev. E., 19, Royal Crescent, Bath.

HARDY, FRED, Tyntesfield, Ashton-on-Mersey.

HILL, E., Tring Park Gardens, Tring.

JACOMB, F. C., Cheam Park, Surrey.

JAQUES, J., Waddesdon Manor Gardens, Aylesbury.

LATHAM, W. B., Botanic Gardens, Edgbaston, Birmingham.

LAW-SCHOFIELD, G. W., New Hall Hey, Rawtenstall, Manchester

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MASON, Major, The Firs, Warwick.

PILCHER, CHARLES, 84, Ringford Road, Wandsworth, S.W.

POLLETT, H. M., Fernside, Bickley, Kent.

PROTHEROE, W. H., 67, Cheapside, E.C.

SANDER, F., St. Albans.

SMEE, A. H., Wallington, Surrey.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park.

WARBURTON, A., Vine House, Haslingden.

WATSON, W., Royal Gardens, Kew.

WHITE, W. H., Burford Lodge Gardens, Dorking.

WILLIAMS, H., Victoria Nurseries, Holloway, N.

WINN, C., The Uplands, Selly Hill, near Birmingham.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are Members of all the Committees.

NARCISSUS COMMITTEE, 1897.

(Established 1885.)

CHAIRMAN.

BENNETT-POË, JOHN T., 29, Ashley Place, S.W.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., Royal Herbarium, Kew.

DOD, REV. C. WOLLEY, Edge Hall, Malpas, Cheshire.

ENGLEHEART, REV. GEORGE H., Appleshaw, Andover.

HON. SECRETARY.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.

BARR, R., 12, King Street, Covent Garden, W.C.

BOSCAWEN, Hon. J., Tregye, Perranwell.

BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.

BURBIDGE, F. W., M.A., Trinity College Gardens, Dublin.

CAMMELL, G., Brookfield, Hathersage, near Sheffield.

CAMMELL, M., Loxwood House, Billingshurst, Sussex.

COWAN, C. W., Valleyfield, Penicuik, Midlothian.

FOSTER, Professor M., Sec. R.S., Shelford Cambridge.

DE GRAAFF, S. A., Leyden, Holland.

GOLDRING, W., 34, Gloucester Road, Kew.

KINGSMILL, A., Esq., The Holt, Harrow Weald, Stanmore.

KRELAGE, J. H. Haarlem, Holland.

LEICHTLIN, MAX, Baden-Baden.

MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.

MARSH, Rev. T. H., Cawston Rectory, Norfolk.

MILNE READHEAD, R., Holden Clough, Bolton-by-Bowland,
Clitheroe.

MOORE, F. W., Royal Botanic Gardens, Glasnevin, Dublin.

PERRY, AMOS I., Hardy Plant Farm, Winchmore Hill, N.

SMITH, J. A. DORIEN, Tersco Abbey, Scilly.

VILMORIN, HENRY L. DE, Quai de la Mégisserie, Paris.

WALKER, JAMES, Ham Common, Surrey.

WARE, WALTER T., Inglescombe Nurseries, near Bath.

WILKS, Rev. W., Shirley Vicarage, Croydon.

WILLMOTT, Miss, Warley Place, Great Warley, Essex.

NOTE.—Members of the Council are Members of all the Committees.

The NARCISSUS COMMITTEE will meet in the DRILL HALL, James Street, Victoria Street, Westminster, on the following dates, at 12 o'clock, noon, viz., March 22nd, April 12th, and April 26th, 1898.

REGULATIONS
FOR THE
FRUIT, FLORAL, & ORCHID COMMITTEES,
AND FOR INTENDING EXHIBITORS,
1898.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 28), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 50 to 64; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except, *see* Rule 14, page 46.)

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet.

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., James Street, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 64). If submitted for Certificate, they must be placed on a special table reserved for Certificate

plants, and not be mixed up in groups. The following particulars should be communicated *in writing*:—(1) The name and postal address of the exhibitor. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings sent without name will receive no award.

7. Exhibitors are invited to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less than six* must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

Cut Flowers *sent up for First Class Certificate or Award of Merit* must not be "dressed," but should be shown as cut from the plants. This rule applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers; and the non-observance of it will *ipso facto* disqualify the flowers from the possibility of any Certificate.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Two general forms of award will be made by the Council, viz.:—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made to very superior seedlings or novelties, or to recently introduced, re-introduced, or very rare objects, or to highly decorative plants, according to their merits. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

14. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "*HIGHLY COMMENDED*" and "*COMMENDED*." And the Superintendent of the Gardens is directed to bring forward plants, etc., so distinguished, at the next (or nearest possible,) General Meeting of the Society at Westminster or elsewhere, in order that they may if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

15. The Award made under the above rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

16. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

17. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

18. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

FRUITS FOR COTTAGERS, FARMERS, AND OWNERS OF SMALL GARDENS.

*An entirely new and greatly revised Edition of this Pamphlet
will be published in March, 1898.*

THE SHERWOOD SILVER CUP.

1898.

N. N. Sherwood, Esq., Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it has been decided to offer it in 1898 as follows :—

THE SHERWOOD SILVER CUP value £10 10s. will be given to the Exhibitor who shall obtain the highest total number of marks at the meetings in June, July, August and September 6th, for Collections illustrating the suitability of Annuals and Biennials as cut flowers for decorative purposes.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging," Sections 160, 161, 169, &c.

Exhibitors may exhibit at any one or more or at all of the meetings during the months named. Marks will be given at each meeting, and the total announced after September 6th.

The contents of each tube (section 169) must consist of one variety only, but in addition to the flowers shown in tubes an exhibitor may set up at each or any of the meetings not more than three *plain* glass vases containing an assortment of varieties and kinds arranged for effect—all stalks touching the water or sand. The vases must be provided by the exhibitor, and must not exceed 6 inches in diameter, and may be filled with water or with wet sand at exhibitor's pleasure, always remembering that the clearness of both water and glass is a distinct point of advantage in decorative vases.

Notice of intention to compete, and space required, must be sent to the R. H. S. Secretary, 117, Victoria Street, at least the Thursday before each meeting.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1898.

Fruit, Floral, and Orchid Meetings will be held in the Drill Hall, James Street, Victoria Street, Westminster (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 25th, 26th and 27th the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 58): on September 29th, 30th, and October 1st, at the Crystal Palace (*see* p. 62), but on all other dates at the Drill Hall, James Street, Victoria Street, Westminster.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 22 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Vegetables, Plants, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. See page 44, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit NEW, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c., as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1896 Code of Rules for Judging, &c."

The Regulations to be observed by Competitors for the Prizes will be found on page 65.

TUESDAY, JANUARY 11th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates*
2. New or Rare Fruits and Vegetables. *Open* *Certificates*.
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. General Meeting for election of Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 8th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates*.
2. New or Rare Fruits and Vegetables. *Open* *Certificates*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. **ANNUAL GENERAL MEETING** at 117, Victoria Street, for the election of Council, Officers, Fellows, &c.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street.
-

TUESDAY, MARCH 8th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral, and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor G. Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 22nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Soils," by Mr. J. J. Willis F.R.H.S.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 12th (Drill Hall),

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Blight and Blessing," by Mr. Fred. Enock.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 26th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66) First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Sweet Scented Leaves *versus* Fragrant Flowers," by Mr. F. W. Burbidge, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

Also, on April 26th.

NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW.

(For Rules and Regulations, see page 67.)

The R.H.S. contributes £10 towards the following Prizes, and distributes 350 One Shilling Tickets of Admission to Members of the N.A.P.S.

CLASS

- A. 12 Auriculas, dissimilar.....70s.—50s.—40s.—30s.—20s.—10s.
- B. 6 Auriculas, dissimilar.....35s.—30s.—20s.—15s.—10s.—5s.
- C. 4 Auriculas, dissimilar.....25s.—20s.—15s.—10s.—7s. 6d.—5s.

TUESDAY, MAY 10th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *OpenCertificates.*
2. New or Rare Fruits and Vegetables. *OpenCertificates.*
3. Best Flavoured Apple. (See p. 66). First Prize, 10s.; Second, 5s.
4. Best Flavoured Pear. (See p. 66). First Prize, 10s.; Second, 5s.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants Exhibited," by Rev. Professor G. Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

VEITCH PRIZES FOR FLAVOUR.

The Prizes offered by Messrs. James Veitch, of Chelsea, having now run for two years, will cease; the winners will receive their Prizes, and the general result will be published in the next number of the Society's *Journal*.

PRIZE ESSAYS.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture" may be obtained from the Society's Office, 117, Victoria St., S.W. Price to Fellows, 1s. 6d.; non-Fellows, 3s.

WEDNESDAY, THURSDAY, and FRIDAY,
May 25th, 26th, and 27th, 1898,
GREAT FLOWER SHOW
 IN THE
INNER TEMPLE GARDENS,
THAMES EMBANKMENT.

MEETINGS, WEDNESDAY, MAY 25TH.

- 10.30 a.m. Judging commences.
 11 a.m. Fruit, Floral and Orchid Committees assemble.
 12 noon. Council Meeting.
 12.30 Exhibition opens to Fellows.
-

The Council of the Royal Horticultural Society invite Exhibits of all classes of Plants, Flowers, Fruits, Vegetables, &c., to be arranged in groups according to the taste of Exhibitors.

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF
SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

The Council will be pleased to receive the promise of Special Prizes, or Donations towards Special Prizes, for any subjects in which the Donor may happen to be interested.

RULES &c., FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—The name cards of the plants &c. should be printed or written very distinctly and must contain nothing whatever but the name of the plant.

2.—Cards announcing the name and address of the Exhibitor must not exceed 12 by 7 inches.

3.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed.

4.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

5.—Erections or backgrounds, for rockeries or floral decorations, must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on *both* sides. No other covering material will be allowed.

6.—No coloured paper may be used for decoration, nor ribbons except when attached to hand bouquets.

7.—In consequence of the great increase in the number of Exhibitors and the impossibility (in accordance with the wishes of the Authorities of the Inner Temple) of having more tent space than is at present provided, the following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sq. ft. each—Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sq. ft. each—Begonias, Orchids, Ferns and Hardy Cut Flowers.
[N.B.—Duplicate Bunches of Cut Flowers are prohibited.]

200 sq. ft. each—Clematis, and Show and Fancy Pelargoniums.

300 sq. ft. each—Foliage plants, Palms, and others of a similar character.

400 sq. ft. each—Caladiums, Pot Roses and Fruit Trees.

8.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants they wish to exhibit.

9.—Exhibits must not be removed until half-an-hour after the closing of the Show.

10.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 6th day before the Show, *i.e.* on Thursday, May 19th, 1898. Entry Forms bearing a later post mark will be liable to refusal.

GENERAL DIRECTIONS.

At the Temple Show, 1898.

—:O:—

Exhibitors must post the notice of their intention to exhibit to *The Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 6th day before the Show, i.e. on Thursday, May 19th.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the Secretary's tent at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with.

Objects for exhibition will be received on the evening of May 24th or the morning of the Show up to 9 o'clock, at which hour the gates will be closed, and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on May 27th, *but exhibits must not be removed until 6.30 p.m.*

A Schedule will be issued in April, and will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed **FREE**.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, James Street, S.W., and at Chiswick and the Crystal Palace; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Thursday, May 19th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the TEMPLE SHOW CATALOGUE 1898 may be booked at once to secure a good position.

*Advertisement Office:—*Royal Horticultural Society, 117 Victoria Street,
London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1898.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else).

(b) The Public, by purchased Tickets:—On Wednesday, May 25th, from 12.30 to 5 p.m., 7s. 6d.; from 5 p.m. to 7 p.m., 2s. 6d. On Thursday, from 10 a.m. to 7 p.m., 2s. 6d. On Friday, from 10 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

SPECIAL NOTICE TO GARDENERS.

Gardeners (i.e., *bonâ fide* employes in a Private Garden, Nursery, Market Garden, or Seed Establishment) may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Thursday. These tickets *can only be obtained* previous to May 25th from the Society's Office, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case.

FRUITS FOR COTTAGERS, FARMERS, AND OWNERS OF SMALL GARDENS.

An entirely new and greatly revised edition of this Pamphlet will be ready in March.

TUESDAY, JUNE, 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Hybrid Orchids," by Mr. James O'Brien, V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JUNE 28th (Drill Hall).

CLASS

- 1a. New or Rare Plants and Flowers. *Open* *Certificates.*
- 2a. New or Rare Fruits and Vegetables. *Open* *Certificates*
- 3a. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

SPECIAL ROSE SHOW.

Chas. J. Grahame, Esq., has contributed largely towards the following Prize List:—

For Special Rules for Exhibitors, see R. H. S. 1896 Code of Rules for Judging, Section 118 et seq., and p. 68. Entries close on June 24th).

MIXED VARIETIES.

1. 18 Single trusses, distinct. *Amateurs* First Prize, Silver Cup or £4; Second, £2; Third, £1.
2. 18 Single trusses, distinct. *Open* .. First Prize, £3; Second, £2; Third, £1.
3. 12 Single trusses, distinct. *Amateurs* First Prize, £2; Second, £1 10s.; Third, £1.
4. 6 Single trusses, distinct. *Amateurs* First Prize, £1; Second, 15s.; Third, 10s. (See note.)
5. 9 Single trusses of any one variety of H.P. or H.T. *Amateurs* First Prize, £1 10s.; Second, £1; Third, 15s.
6. 6 Single trusses of any one variety of H.P. or H.T. *Amateurs* First Prize, £1; Second, 15s.; Third, 10s.

TEAS AND NOISSETTES.

7. 18 Single trusses, not less than 12 varieties or more than 2 trusses of any one variety. *Amateurs* First Prize, Silver Cup, or £4. Second, £2; Third, £1.
8. 18 Single trusses, distinct. *Open* First Prize, £3; Second, £2; Third, £1.
9. 12 Single trusses, not less than 9 varieties or more than 2 trusses of any one variety. *Amateurs* First Prize, £2; Second, £1 10s.; Third, £1

10. 6 Single trusses, not less than 4 varieties. *Amateurs*..First Prize, £1 ;
Second, 15s. ; Third, 10s. (See note.)
11. 9 Single trusses of any one variety. *Amateurs* ..First Prize, £1 10s.
Second, £1 ; Third, 15s.
12. 6 Single trusses of any one variety. *Amateurs*First Prize, £1 ;
Second, 15s. ; Third, 10s.

N.B.—Exhibitors may only compete in one of the three Classes 1, 3, 4 ; or 5, 6 ; or 7, 9, 10 ; or 11, 12. Further, Classes, 4 and 10, are reserved for Growers of less than 1,000 Exhibition Roses.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "Some of the
Plants Exhibited" by the Rev. Professor Henslow,
M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, July 5th (Chiswick).

The Committees will meet at Chiswick, by invitation of the President and Council. Cards of Invitation will be issued in June.

TUESDAY, JULY 12th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*Certificates.
2. New or Rare Fruits and Vegetables. *Open*.....Certificates.
3. Sherwood Silver Cup for Annuals, &c., p. 48. *Open*.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Edible Peas," by Mr. N. N.
Sherwood, V.M.H., Master of the Worshipful Company
of Gardeners.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JULY 26th (Drill Hall).

Special Exhibition of Bamboos by A. B. Freeman-Mitford, Esq., C.B.

CLASS

1. New or Rare Plants and Flowers. *Open**Certificates.*
2. New or Rare Fruits and Vegetables. *Open**Certificates.*
3. Collection of Cactaceous Plants. *Amateurs*...Prize, Silver Flora Medal.
For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.
4. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Economic Uses of Bamboos"
 by A. B. Freeman-Mitford, Esq., C.B.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, AUGUST 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*
3. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Water Lilies," by Monsieur
 Latour Marliac.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, AUGUST 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*
3. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

MEETINGS

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Perpetual Strawberries,"
 by Monsieur Henry de Vilmorin.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, SEPTEMBER 6th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*
3. Sherwood Silver Cup for Annuals, &c., p. 48. *Open.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Disa," by Mr. T. W. Birkinshaw.
-

TUESDAY, SEPTEMBER 20th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall, on "Fruit Growing In Suburban Gardens," by Mr. W. Roupell, Sec. of the Brixton, Streatham and Clapham Horticultural Society.
-

THURSDAY, FRIDAY and SATURDAY, SEPT. 29th, 30th and OCT. 1st, 1898.

The Society will hold a GREAT EXHIBITION of
BRITISH-GROWN FRUITS at the **CRYSTAL PALACE.**

A Special Schedule of Prizes will be published in April, 1898, provided that £100 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 11th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, OCTOBER 25th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Experimental Horticulture," by Mr. George Gordon, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 8th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 22nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Artificial Manures in the Garden," by Mr. A. D. Hall, Principal of the South Eastern Agricultural College, Wye.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, DECEMBER 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JANUARY 10th (Drill Hall).

1899.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE DRILL HALL.

| | | | |
|--------------|--------------|---------------|--------------|
| January 11th | } 4 o'clock. | November 8th | } 4 o'clock. |
| February 8th | | " 22nd | |
| March 8th | | December 13th | |
| October 25th | | January 10th | |

All other days, at the Drill Hall, except the above, 5 o'clock.
 No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 48 to 64.

(For Special Regulations for Temple Show, see p. 56.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." See p. 34.

III. Exhibitors must give at least two clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required.

New plants, &c., for the Committees, see p. 43.

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple Show, see p. 56.

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. **All specimens must be the *bona fide* property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.**

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula and the Rose Shows—see pp. 67, 68.

A Special Schedule will be issued in April for the Crystal Palace Fruit Show, September 29th, 30th, and October 1st.

SPECIAL PRIZES FOR DESSERT APPLES AND PEARS.

For Amateurs and Gentlemen's Gardeners only.

THE VEITCH PRIZES FOR FLAVOUR.

With a view to the formation of a definite list of the best flavoured varieties of British grown Apples and Pears for dessert at all seasons, Messrs. James Veitch & Sons, of Chelsea, have placed a sum of £30 at the disposal of the Council, who, in conjunction with the donors, have drawn up and sanctioned the following rules:-

SPECIAL RULES AND CONDITIONS.

1. No exhibitor may enter more than three distinct varieties in each or either class at each meeting.

2. Six fruits (neither more nor less) of each variety must be shown, the judges being at liberty to cut any three of them they please.

3. Every exhibitor must guarantee that the fruit he exhibits in these classes has been grown *entirely* out of doors. He should also state on the name-card "Wall tree," "Bush," or "Standard," together with the aspect—north, east, south or west—the nature of the soil; the county; and, when known certainly, the stock on which the tree is grafted.

4. The judges are requested to allot twelve points to a perfect dish of fruit—perfect in flavour, in quality, in appearance, and in size—distributing the points in the following proportions:—

| | |
|--------------------------|-----------|
| For flavour | 6 points. |
| For quality | 3 " |
| For appearance | 2 " |
| For size | 1 " |

By "quality" is intended the meltingness and smoothness (absence of grittiness) of the flesh, or (as, for example, in the case of early Apples) its crispness and juiciness.

By "appearance" is intended colour and beauty of outline and shape.

By "size" is intended such as invests the fruit "with the greatest value for table use." "Enormous specimens should not be preferred, as, beyond a certain point, size becomes a defect in dessert fruits." *Vide R.H.S. Rules for judging, &c., 1896 Code.*

5. When several exhibits of the same variety are shown by several exhibitors, and the flavour and quality of two or more of them are found to be equal, the judges are directed in such case to award the prizes according to the demands of "appearance" and suitable "size."

6. The first and second prizes are not to be awarded to the same variety at the same meeting.

7. An exhibitor having won the first prize may not compete again during the year *with the same variety*, but the same variety exhibited by different exhibitors may take the first prize at any or all the meetings, and similarly with the second prize; nor may an exhibitor who has won a second prize take another second prize with the same variety; but an exhibitor having taken a second prize may take a first prize with the same variety at any subsequent meeting.

8. The prizes will be withheld if the fruits shown are considered wanting in sufficient flavour for dessert, or not fair specimens fit for table.

9. In all other respects the General Rules will apply.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 26th, IN THE DRILL HALL.

(For List of Prizes See page 52.)

1. The prizes are open only to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society.

2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.

3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.

4. The Plants must be in the Drill Hall, James Street, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.

5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.

6. Exhibitors in Classes A and B may not compete in Classes C and D, and in two only of Classes K, L, M. Those who compete in T cannot do so in U.

7. In addition to the legible naming required by the 5th Condition, Exhibitors in this Class are invited to give the native country of species.

8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bonâ fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.

10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS

AT THE

ROSE SHOW, JUNE 28TH.

(See R.H.S. 1896 "Code of Rules for Judging, &c.")

I. Exhibitors must give notice in writing of the Classes in which they intend to exhibit, to the Secretary, R.H.S., 117, Victoria Street, S.W., on or before Friday, June 24th, 1898.

II. Exhibitors will receive on the morning of the Exhibition, the 28th of June, cards numbered in order to distinguish their exhibits. These cards must be placed on or in front of the stands, previous to their being examined by the Judges.

III. No boxes will be received after *Half-past Eleven o'clock*, and everything must be ready for the Judges by *Twelve o'clock*.

IV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

V. The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand:—

HYBRID PERPETUALS.

| | | |
|------------------------|------------------------|----------------------|
| { Charles Lefebvre | { Eugénie Verdier | { Grand Mogul |
| { Marguerite Brassac | { Marie Finger | { Jean Soupert |
| { Paul Jamain | | |
| { Comtesse de Choiseul | { Exposition de Brie | { La Rosière |
| { Marie Raby | { Ferdinand de Lesseps | { Prince C. de Rohan |
| { Duke of Wellington | { Maurice Bernardin | { Paul's Early Blush |
| { Rosieriste Jacobs | { Sir Garnet Wolseley | { Mrs. Harkness |

TEAS AND NOISETTES.

| | |
|--------------------|----------------------------|
| { Alba Rosea | |
| { Josephine Malton | { Souvenir de S. A. Prince |
| { Madame Bravy | { The Queen |
| { Madame de Sertot | |

The Climbing variety of any Rose cannot be shown in the same stand with it:—for instance, Climbing Devoniensis cannot be shown in the same stand with Devoniensis.

VI. All Roses exhibited in competition, must be from plants which have been grown by the Exhibitor for at least three months before the date of this Exhibition.

VII. All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. *Dressing Rose blooms so as to alter their character is prohibited; also the insertion of any additional foliage.*

VIII. The decision of the Judges shall be final, and they will have the power of withholding prizes should the exhibits be considered unworthy. The question of duplicates shall not be re-opened after the Judges have once given their award.

IX. Any Rose grower (whether a Fellow of the Royal Horticultural Society or not) may compete for the prizes mentioned on p. 59.

X. No person shall be allowed to compete as an Amateur who sells Rose Plants or Rose Blooms, nor any person in the employ of a Nurseryman.

XI. Hybrid Teas cannot be shown in the Classes set apart for Teas and Noisettes, but may be shown amongst H. P.'s or in mixed classes.

N.B.—Particular attention is requested to Regulation III., which will be rigidly enforced.

The Exhibition will be open free to Fellows of the Royal Horticultural Society at One o'clock; and to the Public on payment of One Shilling, at Two o'clock. The Exhibition will close at Five p.m., at which hour the boxes may be removed.

Boxes to be painted dark green; height 4 inches in front. The blooms to be shown on Green Moss or other suitable material.

Entries close on Friday, June 24th, 1898.

ESTABLISHED
A.D. 1804.



INCORPORATED
A.D. 1809.

THE
ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.



PATRON.

Her Most Gracious Majesty the Queen.

ARRANGEMENTS

FOR THE YEAR

⇒* 1899. *⇐

Telegrams: "HORTENSIA, LONDON."



LONDON:

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,
BY

SMITH & EBB, PRINTERS, NORTHUMBERLAND ALLEY, FENCHURCH, STREET, E.C.

ALL GROWERS SHOULD USE THOMSON'S Vine, Plant, & Vegetable Manure.

The result of many years' practical experience. So compounded as to combine stimulating with lasting effects.

None is Genuine that does not bear our Name on the Sacks.

Awarded **ONLY MEDAL** for Artificial Manures at Edinburgh International Exhibition, 1886; and **GOLD MEDAL** at Edinburgh International Show, September, 1891.

This Manure is a safe and certain **FOOD** and **STIMULANT** for every fruit-bearing Plant, from the **VINE** downwards, as well as for Pot Plants, Out-Door Plants and Vegetables.

DIRECTIONS FOR USE ARE PLACED IN EACH SACK AND PRINTED ON THE TINS.

1 cwt. and up, carriage paid to all Stations in the United Kingdom. Can be had of all Nurserymen and Seedsmen.

TERMS.

| | | | | | |
|---------|------------|---------|-----------|------------|-----------|
| 1 ton | .. £18 0 0 | 1 cwt. | .. £1 0 0 | 7-lbs. tin | .. £0 3 6 |
| 10 cwt. | .. 9 10 0 | 56 lbs. | .. 0 10 0 | 3 " | .. 0 2 0 |
| 5 " | .. 5 0 0 | 28 " | .. 0 6 0 | 1 " | .. 0 1 0 |

AGENT FOR LONDON—MR. J. GEORGE, 14, REDGRAVE ROAD, PUTNEY.

AGENT FOR CHANNEL ISLANDS—MR. J. H. PARSONS, MARKET PLACE, GUERNSEY.

Thomson's Special Top-Dressing Manure.

To be used as an additional Stimulant during the growing season for Chrysanthemums and other Plants.

TERMS.

| | | | | | | | |
|---------|---------|---------|---------|---------|--------|--------|--------|
| 56 lbs. | .. 20/- | 28 lbs. | .. 11/- | 14 lbs. | .. 6/- | 7 lbs. | .. 3/6 |
|---------|---------|---------|---------|---------|--------|--------|--------|

DIRECTIONS FOR USE ARE PLACED IN EACH BAG.

1/2 cwt. and up, Carriage Paid to all Stations in the United Kingdom.

5 PER CENT. FOR CASH IN 14 DAYS.

Sole Makers—

WILLIAM THOMSON & SONS, LTD.,
Tweed Vineyards, Clovenfords, Galashiels.

FULL DIRECTIONS AND TESTIMONIALS ON APPLICATION.

PERFECT PLANT FOODS AND STIMULANTS.

1899-1900.
COUNCIL AND OFFICERS
OF THE
Royal Horticultural Society.

OFFICES:
117, VICTORIA STREET, WESTMINSTER, S.W.

TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.
HER MOST GRACIOUS MAJESTY THE QUEEN AND EMPRESS.

PRESIDENT.
SIR TREVOR LAWRENCE, BART.

VICE-PRESIDENTS.
T. J. BENNETT-POE. | T. B. HAYWOOD.
S. COURTAULD. | SIR JOHN T. D. LLEWELYN, Bart., M.P.

TREASURER.
PHILIP CROWLEY, F.L.S.

COUNCIL.
*REV. G. H. ENGLEHEART, M.A. | W. MARSHALL.
J. GURNEY FOWLER. | CHARLES E. SHEA.
JAMES HUDSON, V.M.H. | *T. STATTER.
R. McLACHLAN, F.R.S. | HARRY J. VEITCH, F.L.S.
*SIR FREDERICK WIGAN, Bart.

AUDITORS.
A. H. PEARSON. | HARRY TURNER, V.M.H.
JAMES H. VEITCH.

PROFESSOR OF BOTANY. | CONSULTING CHEMIST.
REV. G. HENSLOW, M.A., V.M.H. | DR. A. VOELCKER, M.A.

FOREIGN CORRESPONDING SECRETARY.
MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.
REV. W. WILKS, M.A.

GARDEN SUPERINTENDENT. | CASHIER.
S. T. WRIGHT. | FRANK READER.
ASST. SUPERINTENDENT. | CLERK.
T. HUMPHREYS. | W. PLOWMAN.

BANKERS.
LONDON AND COUNTY BANKING COMPANY (Westminster Branch.)

A Complete List of Fellows to January 1st, 1899, is published with the Report of the Council, and Balance Sheet.

* Retire on February 14th, 1899, under the operation of Bye-laws 65 & 84.

1899-1900.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was first established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. The Society quickly increased in number, and was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third to several Noblemen and gentlemen, "for the Improvement of Horticulture in all its branches, ornamental as well as useful." It is composed of Fellows, and of Honorary, Corresponding, and Foreign Members; and its affairs are managed by a President and Council of fifteen Members elected annually on the second Tuesday in February from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (See pages 10—16.)

3. The Gardens of the Society are devoted to the culture of Apples and Pears, Peaches, Plums, Grapes, Tomatos, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments are continually being made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results of such experiments and trials are published in the Society's *Journal*. The Gardens are open to the Fellows to make personal inspection of the various plants under trial, and observation of the experiments which may be in progress. The Gardens contain a very large collection of fruit

trees, &c., especially of Apples, Pears, Figs, and Vines ; the great Vinery, 180 feet long, being in the fruiting season a sight of most exquisite beauty. (*See* page 11).

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the alternate Tuesdays* throughout the year in the **Drill Hall** of the London Scottish R.V., in **James Street, Victoria Street, Westminster**, (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores), and a short Lecture (afterwards published in the *Journal*, see p. 32) is given at 3 p.m. on some subject of general Horticultural interest. To these Meetings Fellows of the Society are admitted free, at 1 o'clock. The Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. Verbatim reports appear later on in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices of the Society are situated at **117, Victoria Street, Westminster**, where also is kept the Society's Library, and the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. These libraries, containing upwards of 3,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See* page 39).

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last ninety years. The *Journal* is regularly forwarded post free to all subscribing Fellows, (and to such Honorary and Life Fellows as make written application for it.) It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (See page 32).

INFORMATION.

9. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

10. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present about 4,000 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND

TERMS OF SUBSCRIPTION

TO THE

Royal Horticultural Society.

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained at the Office, 117, Victoria Street, Westminster, or will be forwarded by post on application to the Secretary. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 6), is entitled—

- 1.—To **One** Non-transferable (personal) Pass and **Five** Transferable Tickets admitting to all the Society's Exhibitions at the Drill Hall, Westminster, or elsewhere, and to the Chiswick Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c. **Back Numbers** may be obtained by Fellows at reduced prices.
- 5.—To purchase, at reduced rates, such fruit, &c. as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, cuttings, &c., as may be available for distribution. Fellows residing beyond a radius of 35 miles distance from London (calculated by the A. B. C. Railway Guide), are entitled to a double share.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 9.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To One Non-transferable Pass and Two Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To One Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To ONE Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 8.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

The Society being incorporated by Royal Charter, the Fellows incur no personal liability whatsoever, beyond the payment of their Annual Subscriptions.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION

OF

LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society.
- 4.—To purchase at cost price one Silver and one Bronze Medal of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., *see* p. 8.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society.
- 4.—To purchase, at cost price, two Silver and two Bronze Medals of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., *see* p. 8.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society in introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

| Price of Medals (post free) to Affiliated Societies. s. d. | | | | |
|--|----|---|--|--|
| Silver Flora, 2½ inches in diameter, in Morocco Case, complete | 17 | 9 | | |
| Bronze Flora do. do. do. do. | 6 | 9 | | |
| Silver Banksian, 1½ inch in diameter do. do. | 8 | 9 | | |
| Bronze Banksian do. do. do. do. | 4 | 9 | | |

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application through the Secretary of their own Society (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1898.

AFFILIATED SOCIETIES.

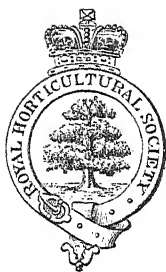


FIG. 1.

as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society (now numbering over 100) on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____
Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the

_____ Society.

To the Secretary,

R.H.S. OFFICE,

117, VICTORIA STREET,

WESTMINSTER.

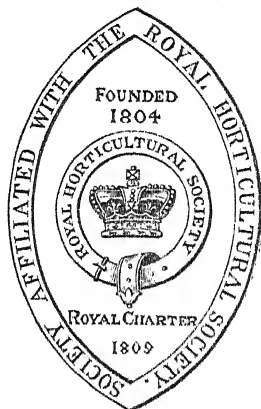


FIG. 2.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 7.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

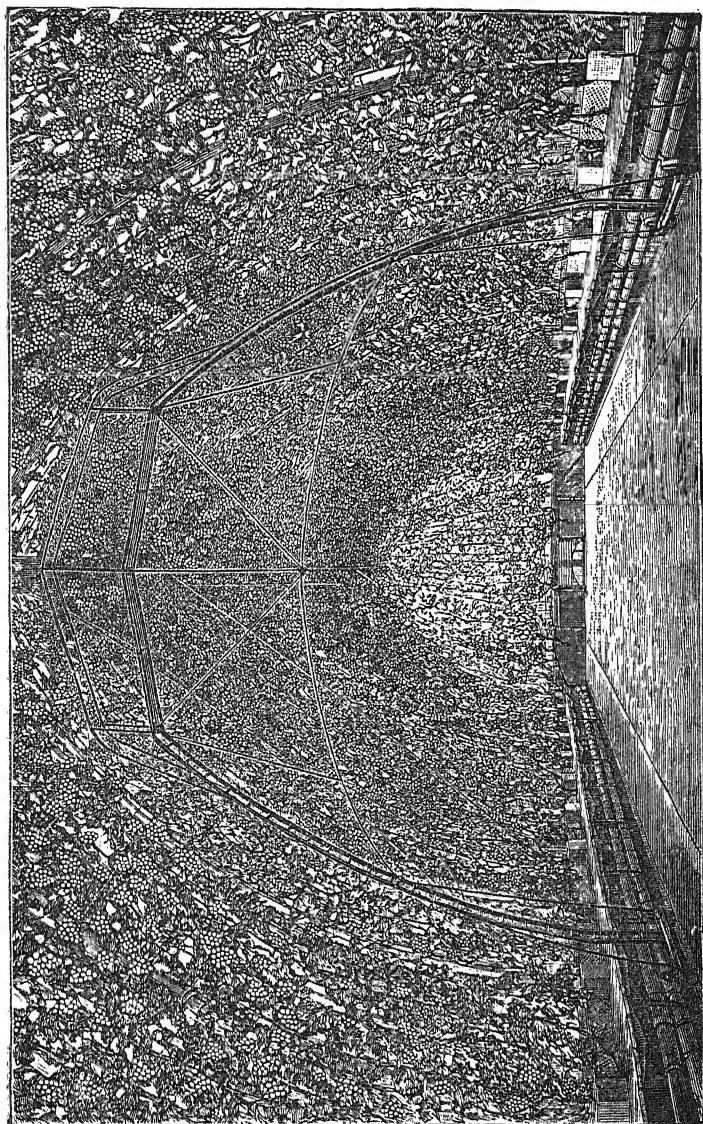
1899-1900.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have given careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

One of the largest houses, No. 6, is devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See page 13*).

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Cannas, Phloxes, Herbaceous Paeonies, Iris, Perennial Asters, Ivies, Violas, Early Chrysanthemums, Cape and Zonal Pelargoniums are very extensive. A large number of Carnations have been planted. Adiantums, Caladiums, Chrysanthemums for House decoration, new Cannas, and Cactus and Pompon Dahlias will receive special attention this year. *See page 13*.

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK, 1899.

ADIANTHUMS.—Two plants of each variety to be sent by February 10 to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

CALADIUMS.—Two plants or tubers should be sent on or before March 1.

CHRYSANTHEMUMS for Indoor (House and Greenhouse) Decorative Purposes only.—Owing to the enormous number of late and large blooming varieties of Chrysanthemums, it is desired to discover which of them are best adapted for House Decoration during the late Autumn and Winter. The plants will be grown naturally—*i.e.*, little, if any, disbudding will be done, but each plant will be allowed to show its true character and habit. Two plants of each variety should be sent in February.

NEW CANNAS.—One plant of each should be sent on or before February 1.

DAHLIAS: CACTUS AND POMPON.—Two plants of each should be sent in May. For the sake of comparison it is desirable that the colour of the flower should in every case be given on the back of the name-tally, so that all of a colour may be planted together.

CAULIFLOWERS.—Seed to be sent by February 1.

DWARF FRENCH BEANS.—Seed to be sent by April 1.

PEAS.—*New varieties only.* Seed to be sent in January.

POTATOS.—*New varieties only.* Tubers to be sent by February 1.

TOMATOS.—*New varieties only.* Seed to be sent in January.

All of the above should be sent addressed to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN
REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half
a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoys,
Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce,
Onions, Radish, Parsley—Half an ounce of each.

Potatos—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

Flower Seeds—Sufficient of each variety to ensure a fair trial.

JUST PUBLISHED.

LINDLEY LIBRARY CATALOGUE.

A Complete Guide to the Library

AND

A BIBLIOGRAPHY OF GARDENING.

PRICE, POST FREE, 2s. 6d.

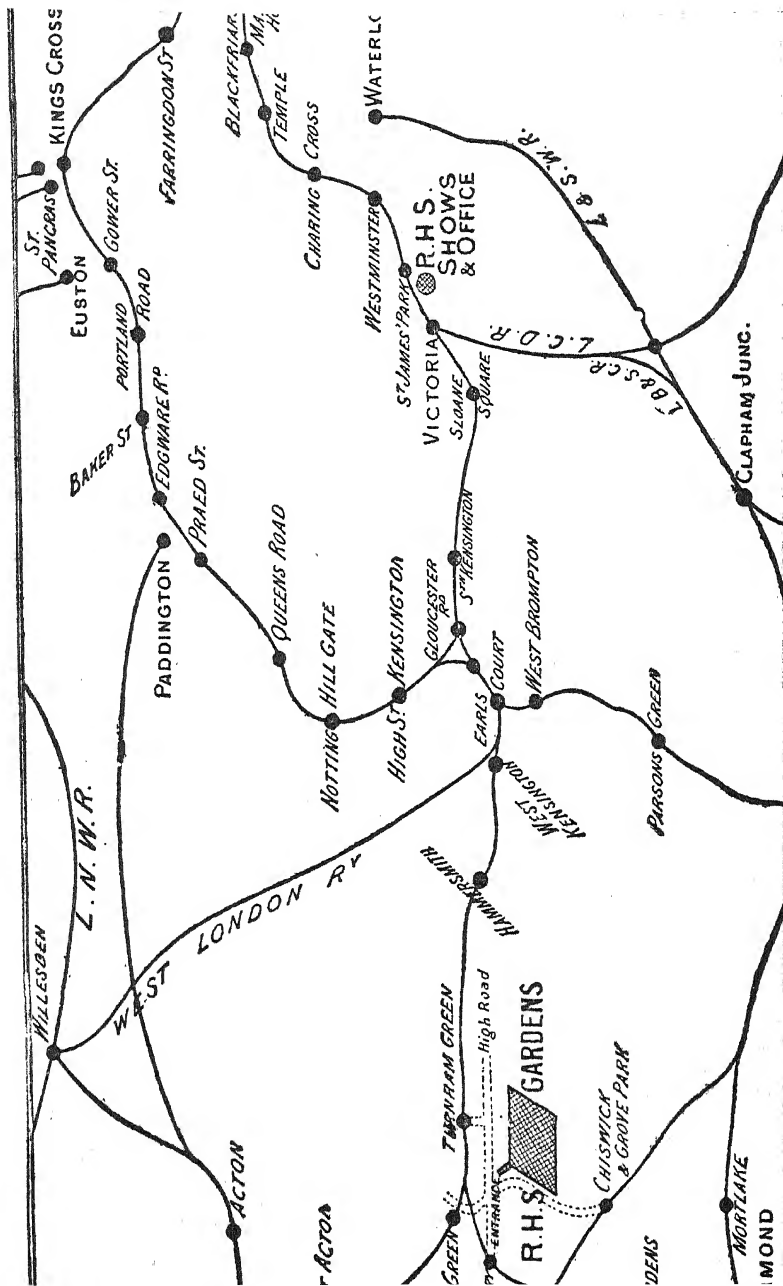
From R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

JUDGING RULES.

These Rules, which are known as the "R. H. S. 1899 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors," have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of all Horticultural Societies.

PRICE, POST FREE, 1s. 6d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.



D I R E C T I O N S
TO
FELLOWS OF THE SOCIETY AND OTHERS
WISHING TO VISIT THE
SOCIETY'S GARDENS AT CHISWICK
(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by the Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. *Omnibuses and Tram Cars*.—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS, CHISWICK.

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnersbury and Turnham Green Railway Stations).*

ON showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket ; or by payment of, on ordinary days, Sixpence, on Show days, One Shilling, or such other payment as the Council may from time to time appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days, and on July 11th, 1899.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset. On Sundays and Public Holidays the Gardens are closed.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS, CHISWICK.

The Society admits a limited number of young men to study Gardening in their Gardens at Chiswick. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall or elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students at Chiswick are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, 117, Victoria Street, Westminster, accompanied by a letter in applicant's own handwriting.
2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.
3. Two testimonials as to character should accompany the application.
4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission to Chiswick Gardens is still desired. If not renewed, the applicant's name will be removed from the list.
5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.
6. No wages are given to Students.
7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Chiswick, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Assistant-Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1894.
F. S. HARRIS, 1894.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIEN, 1896.
A. THEAKSTONE, 1896.

E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.
A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
F. COLE, 1898.
H. P. GLAISTER, 1898.
P. BRUANT, 1898.
V. CLEEVES, 1899.

EXAMINATION IN HORTICULTURE,

1899.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Tuesday, April 11th, 1899.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad : their Nature and Composition : Weeds and their eradication.
- (2) Requirements of Growth—Water, Heat, Air.
- (3) Seeds : Nature of, Duration of Vitality in, and Modes of Germination.
- (4) Roots : Nature and functions of ; Fibrils and Root-Hairs ; what they do, and how they do it—what Helps and what Hinders them.
- (5) Stems and Branches : their Nature, Work, and uses ; Helps and Hindrances to their work.
- (6) Leaves : what they are, what they do ; Helps and Hindrances to their work.
- (7) Tubers and Bulbs, Leaf-Buds and Flower Buds.
- (8) Growth and development : increase in size and changes of Composition and Structure ; Formation and Storage of Food Materials.
- (9) Flowers : their Component Parts ; what they do ; Artificial Fertilisation.
- (10) Fruit : Changes and Development during ripening ; Forms and Varieties, as, *e.g.*, Apple, Strawberry, Plum, &c.
- (11) Seed : Formation of.
- (12) Variation and Selection.
- (13) Names and Orders of common Garden-Plants, Trees, &c., &c.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening: Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods: Digging and Trenching; Draining; Hoeing, Stirring the Soil, and Weeding; Watering; Preparation of Seed Beds; Rolling and Raking, Sowing, Transplanting and thinning; Potting, Planting: Aspects, Positions and Shelter; Staking; Earthing and Blanching, &c.
- (5) Propagation. Elementary principles: Cuttings, Budding and Grafting, Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works: "Primer of Botany" (MacMillan & Co.), by Sir J. D. Hooker, K.C.S.I.; "Botany for Beginners" and "Plant Life" (Bradbury, Agnew & Co.), by M. T. Masters, M.D., F.R.S.; "Popular Gardening," 4 Vols. (Cassell & Co.), edited by T. D. Fish; "Epitome of Gardening" (Adam Black & Co.), by T. Moore, and M. T. Masters; "Agriculture," Parts i. & ii. (John Murray), by W. Freear, LL.D.; "Prize Essay on Fruit Culture," by J. Wright; "Physiology of Plants," by Professor Sorauer (Longmans, Green & Co.); "Structural Botany," by Dr. D. H. Scott (Adam Black & Co.); "Natural History of Plants," by Kerner & Oliver (Blackie & Son).

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is $2\frac{1}{2}$ hours, the hour fixed being generally from 7 to 9.30.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticultural Operations and Practice." It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 200 Marks and over will be placed in the **FIRST CLASS**. Those gaining 150 to 200 will be placed in the **SECOND CLASS**, and those gaining between 100 and 150 will be placed in the **THIRD CLASS**. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at **least ten days** before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give the information asked for on the enclosed coloured form.

12. A small capitation fee of 3s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. **N.B.**—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

SCHOLARSHIPS.

SIR TREVOR LAWRENCE, Bart., President of the Society, and Master of the Worshipful Company of Gardeners, very kindly offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society in 1894, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

A similar Scholarship was presented by Baron SCHRÖDER, V.M.H., after the 1895 examination.

The Worshipful Company of Gardeners continued this Scholarship to the end of 1896.

Another similar Scholarship was given after the 1897 examination by N. N. SHERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners.

Another was given for 1898-9 by G. W. BURROWS, Esq., a member of the Court of the same Worshipful Company of Gardeners.

Another is promised for 1899-1900 by the Right Hon. the LORD AMHERST, who presents it also through the Gardeners' Company.

And yet another for 1900 by HENRY WOOD, Esq., which will be continued in 1901 by F. G. IVEY, Esq., both gentlemen being Members of the Court of the Worshipful Company.

SCHOLARS :—

| | | | |
|----------|-----|-----|---------------------|
| 1894-5-6 | ... | ... | MR. W. N. SANDS. |
| 1895-6-7 | ... | ... | MR. G. F. TINLEY. |
| 1897-8-9 | ... | ... | MR. H. S. LANGFORD. |
| 1898-9 | ... | ... | (Not awarded). |

If the student who is at the head of the examination is for any reason unable or unwilling to accept the Scholarship it is then offered to the next highest on the list, and so on throughout the First Class.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples, are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made.

| No. | | |
|-----|--|-----------------|
| 1. | An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2. | An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3. | An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4. | An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5. | An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6. | An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7. | Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8. | An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. | from 10s. to £1 |
| 9. | An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10. | Partial analysis of a soil, including determinations of clay, sand organic matter, and carbonate of lime | 10s. |
| 11. | Complete analysis of a soil | £3 |
| 12. | Analysis of any vegetable product | 10s. |
| 13. | Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14. | Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15. | Analysis of water used for domestic purposes | £1 10s. |
| 16. | Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analysis must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c., (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed opposite and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 28 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, &C.



Address.....

To.....

Date.....

Please supply me for delivery.....

Tons..... Cwt. of.....

At..... per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow.....

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, etc. to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertilizer not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 24.

ROYAL HORTICULTURAL SOCIETY'S "JOURNAL"

VOL. XVIII. SECOND EDITION.

May still be obtained from the R.H.S., 117 Victoria Street, London, S.W.

THIS VOLUME CONTAINS

A Complete Report of the Conference on British Grown Fruit,

HELD BY THE SOCIETY AT THE CRYSTAL PALACE IN 1894,

AND INCLUDES VALUABLE PAPERS ON

Hardy Fruits for Small Gardens; "How to Make a Fruit Room;" "Fruit Growing on a Large Scale;" "Grading, Packing and Marketing Fruit;" "Fruit Spraying;" &c., &c.

IN THE SAME VOLUME WILL ALSO BE FOUND

A COMPLETE REPORT OF THE TREE CONFERENCE,

HELD AT CHISWICK IN SEPTEMBER, 1894.

Containing Papers on "The Larch Canker;" "The Utilisation of Waste Land;" "Forest Trees for Commercial Purposes;" "The Management of Plantations;" "The Woods of Kent," &c.

Price (Post-free) of the combined Reports:—To Fellows of the R.H.S. and bona-fide Gardeners, 2s. 6d.; To Non-Fellows, 5s.

“JOURNAL”

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall).

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 90 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., 1866, part 1, 82 pages. M. Naudin on Hybridism; Hypocaust Heating; Truffles; Variegated Plants of the 17th Century; Parasitic Fungus and spot in Orchids; Varieties of Amaryllis; Soil and Climate in relation to Fruit Tree culture; Variability in the Pear Tree; Floral Organogeny of the Pear Tree; Vineyard culture in France; Observations on Hybridization, &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

- Vol. I., part 2, 1866, 62 pages. Notes on *Adiantum Farleyense*; Pear Tree Fungus; Lifting Fruit Trees; *Podophyllum Elmodi*; on Judging New Plants; the Nutritive Constituents of Water, &c., &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. I., part 3, 1866, 64 pages. Nutritive Constituents of Water; The Rev. M. J. Berkeley, M.A., F.L.S., on a supposed Hybrid Fern; Hints on Hybridizing Fruits; Note on Border Heating; The Cultivation of *Amherstia nobilis*; Peaches and Nectarines at Chatsworth; Disease in Celery; Species of *Cratægus* and *Pyrus* as Ornamental Plants; Horticulture in Hungary. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebenoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., part 1, 1868, 64 pages. G. Gasparini on the Ripening of Figs; Terrestrial Orchids; Forcing Lilies of the Valley; Forms of Canker, by the late Rev. M. J. Berkeley, M.A., F.L.S., &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., part 2, 1869, 62 pages. Forms of Canker (*contd.*); Cultivation of the Mangrove; Report on the adulteration of Seeds; "Red Rust," and "Take-all," affecting Wheat, &c.; Pruning Forest Trees. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II. part 3, 1870, 122 pages. Observations on the Kumquat, by R. Fortune; M. Decaisne on the Paradise Apple; Notes as to the Locality and Culture of Tobacco, by the Right Hon. G. J. Goschen; Cultivation of Vanilla in Mauritius; Effects of Frost at Melbourne, by Baron Mueller; The Esculent Fungi of America; The Habits and Culture of the Aloe; On the Leaf Coloration and Flower production of Variegated Zonal and other Pelargoniums; Experiments in Potato Grafting; Bedding Plants (Pelargoniums, Fuchsias, Petunias, Lobelias, Verbenas, &c.). To Fellows, 2s.; non-Fellows, 4s.

- Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. III., parts 9 and 10, 1873, 150 pages. Fecundation of Grasses; Variations in Cross-fertilized Peas; Disease in Sugar-cane; Manures; Vine-pests; Clover-sickness; Wild Pear-trees in Surrey; &c., &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. III., parts 11 and 12, 1873, 200 pages. Varieties of Maize; Imperfect Hybridity; Mimetic Analogy; Grafting and Budding: The Loranthaceæ of Angola, by Dr. Welwitsch; The Fruiting of Seedling Fruit Trees; The influence of manures on Plants; The influence of Foreign Pollen on Fruit produced; Sericiculture in Canterbury, New Zealand; Report on 12 kinds of Kale, by Dr. Hogg; Reports on Pentstemons, Fuchsias, Pelargoniums, Phloxes, Peas and Marrows grown at Chiswick in 1872. To Fellows, 2s.; non-Fellows, 4s.
- Vol. V., 1877-79, parts 4, 5, and 6, 168 pages. Report on Tomatos, Asters, Turnips, Filberts, Savoys; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; Native Country of the Potato; the Nomenclature of Garden Plants; Disease in the Ash; the Genus Tulipa; Title and Contents to Vol. V. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. VI., 1880, 168 pages. Proceedings of the Society. To Fellows, 1s.; non-Fellows, 2s.
- Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, etc. To Fellows, 2s.; non-Fellows, 4s.

- Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, etc. To Fellows, 2s. ; non-Fellows, 5s.
- Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference** : Papers on Asparagus, Winter Salads, Peas, Potatos, &c. ; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d. ; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c. ; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d. ; non-Fellows, 5s.
- Vol. XIII., part 1, 1891, 215 pages. Dahlia and Grape Conferences ; Trees and Shrubs for towns ; Crinums ; Figs ; &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s. ; non-Fellows, 5s.
- Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, etc. To Fellows, 2s. ; non-Fellows, 5s.
- Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat ; Synopsis of the order Coniferæ, by Dr. Maxwell T. Masters ; Pinetum Danicum, by Prof. Carl Hansen ; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn ; Diseases of Conifers ; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d. ; Non-Fellows, 15s. 6d.
- Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c. ; Autumn Tints ; Fruits for Cottagers, &c. To Fellows, 2s. ; non-Fellows, 4s.

Vol. XV., parts 2 and 3, January, 1893, 400 pages. Contains a Report of the **Begonia Conference** and all the papers read thereat; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. Contains papers on the effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants and their treatment; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s.; non-Fellows, 5s.

Vol. XVI., parts 2 and 3, January, 1894, 222 pages. Contains papers on Alpine Houses and Alpine Plants; Cannas, by J. G. Baker, F.R.S.; Phloxes and Pentstemons; causes of Failure in Eucharis Culture; Pears; Onions; Chrysanthemums; Late-keeping Grapes; Reports of the Fruit, Floral, and Orchid Committees from July to December, 1893; and of the Trials of Onions, Celery, Endive, Potatos, Phloxes, Irises, Cannas. &c., at Chiswick. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 1 and 2, August, 1894, 212 pages. The Cedar of Goa; Deciduous Trees and Shrubs of Japan; Rare Trees and Shrubs in the Arnold Arboretum; Hybrid Narcissi; Botanical Exploration in Borneo, Flowering Trees and Shrubs. Proceedings, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs with papers on the "Larch Disease;" "Forest Trees for Commercial Purposes;" "The Utilization of Waste Ground unsuitable for Agriculture;" "The General

Management of Woods"—**Conference on British Grown Fruit**; papers on "Fruit Growing, in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 1, August, 1895, 209 pages. Seedling Narcissi; Tomato Disease in Guernsey; Sleeping Disease of Tomatos; Lifting large Trees; Campanulas; **Primula Conference**; Plants and Gardens of the Canary Isles; Culture of Roses under Glass, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 2, November, 1895, 202 pages. Fruit Culture in France; Manures and their Uses; Introduction of Potatos into England; **Crystal Palace Fruit Show, 1895**; New Fruits of Recent Years; Pruning Fruit Trees; **Prize Essays** on the "Commercial Aspect of Hardy Fruit Growing," &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows. 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show, Report**. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy

- Summer Flowers; Chrysanthemums; Seed-Growing, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen; Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.
- Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California; Orchids in Guiana; Professor Henslow on Plants; Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Horticultural Examination; Apples and Pears for Flavour. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; French Beans; Onions; Tomatos. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6d.; non-Fellows, 5s.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POE, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (PHILIP CROWLEY, Esq., F.L.S.).

THIS magnificent Horticultural Library consists of about 3,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and it is now ready for issue. About £130 has so far been subscribed towards the cost of producing it, but this will not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees. *See* p.14.

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue, will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained; *see* p. 14.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, p. 53, *et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society, for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1899-1900.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Summingdale.

VICE-CHAIRMAN.

DYER, W. T. THISELTON, C.M.G., F.R.S., Royal Gardens, Kew.

FOSTER, Professor M., V.M.H., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., V.M.H., F.L.S., 80, Holland Park, W.

ALLEN, J., Park House, Shepton Mallet.

BAKER, J. G., F.R.S., Royal Gardens, Kew.

BALFOUR, Prof. I.B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.

BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.

BURBIDGE, F.W., M.A., V.M.H., Trinity College Gardens, Dublin.

CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.

DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

ELWES, H. J., F.L.S., V.M.H., Colesborne, Andoversford, Glos.

ENGLEHEART, Rev. G. H., M.A., Appleshaw, Andover.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FRANKLAND, E., F.R.S., The Yews, Reigate Hill, Reigate.

GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.

IM THURN, E. F., Gov. Admin., N.W. District, British Guiana.

LINDSAY, R., Botanic Gardens, Edinburgh.

LLEWELYN, Sir J. T. D., Bart., F.L.S., Penllergaer, Swansea.

LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.

MAXWELL, W. H., Munches, Dalbeattie, N.B.

McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.

MICHAEL, A. D., F.L.S., Cadogan Mansions, Sloane Sq., S.W.

MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., Imp. Agri. Dept., Barbados.

MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.

OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.

PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.

RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.

SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace, Richmond, S.W.

SUTTON, A. W., V.M.H., F.L.S., Reading.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.

WILSON, GEO. F., F.R.S., V.M.H., Heatherbank, Weybridge Heath.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1899-1900.

CHAIRMAN.

CROWLEY, PHILIP, F.L.S., Waddon House, Croydon.

VICE-CHAIRMEN.

BALDERSON, H., Corner Hall, Hemel Hempstead.

BUNYARD, GEO., V.M.H., The Royal Nurseries, Maidstone.

RIVERS, T. FRANCIS, V.M.H., Sawbridgeworth.

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

BARRON, A. F., V.M.H., Sutton Court Road, Chiswick, W.

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., Poulett Lodge Gardens, Twickenham.

BENNETT, W., Rangemore Park Gardens, Burton-on-Trent

CHEAL, JOSEPH, Crawley, Sussex.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

DUNN, MALCOLM, V.M.H., The Palace Gardens, Dalkeith, N.B.

EMPSON, W. J., Ampthill House Gardens, Beds.

FARR, W., Spring Grove House Gardens, Isleworth.

FIFE, ROBERT, Dobbie's Nurseries, Orpington, Kent.

GLEESON, W., Warren House Gardens, Stanmore.

HERRIN, C., Dropmore Gardens, Maidenhead.

IGGULDEN, W., North View, Frome, Somerset.

LANE, FRED. Q., Berkhamsted.

McINDOE, JAMES, V.M.H., Hutton Hall Gardens, Guisborough.

MILES, G. T., Wycomb Abbey, High Wycomb.

MORTIMER, S., Rowledge, Farnham, Surrey.

NORMAN, G., Hatfield House Gardens, Hatfield.

PARKER, R., Goodwood, Chichester.

PEARSON, A. H., The Nurseries, Chilwell, Notts.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton.

SALTMARSH, T. J., The Nurseries, Chelmsford.

SHAW-BAKER, Dr. E., The Cedars, East Grinstead.

SMITH, JAMES, V.M.H. The Gardens, Mentmore, Leighton Buzzard.

VEITCH, J. H., King's Road, Chelsea.

VEITCH, P. C. M., The Royal Nurseries, Exeter.

WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court, Teston, Maidstone.

WRIGHT, JOHN, V.M.H., 8, Rose Hill Road, Wandsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

FLORAL COMMITTEE, 1899-1900.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMEN.

FRASER, JOHN, V.M.H., The Nurseries, South Woodford.

PAUL, GEORGE, V.M.H., The Old Nurseries, Cheshunt.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BECKETT, E., Aldenham House Gardens, Elstree.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

COOK, E. T., 9, Fairlawn Grove, Chiswick.

CRANE, D. B., 4, Woodview Terrace, Archway Road, Highgate, N.

CUTBUSH, H. J., The Nurseries, Highgate, N.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DEUERY, C. T., F.L.S., V.M.H., 25, Windsor Road, Forest Gate.

FIELDER, L. R., St. James, West Malvern.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, 4, Willow Cottages, Kew.

GORDON, G., V.M.H., Endesleigh, Priory Park, Kew.

HERBST, H., V.M.H., Stanmore, Kew Road, Richmond.

HOWE, W., Park Hill Gardens, Streatham Common.

JEFFRIES, C., Boston House Gardens, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

LAING, J., V.M.H., Forest Hill, S.E.

LOWE, R. B., Ashridge Gardens, Berkhamsted.

MCLEOD, J., Dover House Gardens, Roehampton.

MAY, H. B., Dyson's Lane, Upper Edmonton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Park Gardens, Bishop's Waltham.

NICHOLSON, G., V.M.H., Royal Gardens, Kew.

PAWLE, J. D., 12, Stanley Gardens, Willesden Green, N.W.

PEARSON, C. E., Chilwell, Nottingham.

SALTER, C. J., Woodhatch Gardens, Reigate.

SANDERS, T. W., 124 Embleton Road, Lewisham.

SELFE-LEONARD, H., Hitherbury, Guildford.

STEVENS, GEO., St. John's Nursery, Putney.

THOMAS, OWEN, V.M.H., Royal Gardens, Windsor.

TURNER, H., V.M.H., Royal Nurseries, Slough.

WALKER, J., Ham Common, Surrey.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

ORCHID COMMITTEE, 1899-1900.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., Royal Exotic Nursery, Chelsea, S.W.

VICE-CHAIRMEN.

COURTAULD, SYDNEY, Bocking Place, Braintree.

LAWRENCE, SIR TREVOR, Bart., 57, Princes Gate, S.W.

SCHRÖDER, BARON, V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., West Street, Harrow-on-the-Hill,
Hon. Sec.

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALFOUR, Prof. BAYLEY, V.M.H., Edinburgh.

BALLANTINE, H., The Dell Gardens, Staines.

BOND, T. W., Elstead House Gardens, Godalming.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell.

COLMAN, J., Gatton Park, Surrey.

COBB, W., Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, Edenside, Great Bookham.

FOWLER, J. GURNEY, Glebeland, Woodford.

GABRIEL, J. T., 32, Palace Road, Streatham Hill.

HILL, E., Tring Park Gardens, Tring.

JACOMB, F. C., Cheam Park, Surrey.

JAQUES, J., Waddesdon Manor Gardens, Aylesbury.

LATHAM, W. B., Botanic Gardens, Edgbaston, Birmingham.

LAW-SCHOFIELD, G. W., New Hall Hey, Rawtenstall, Manchester.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MASON, Major, The Firs, Warwick.

MOORE, F. W., V.M.H., Glasnevin.

OUTRAM, A., 7, Moore Park Road, Fulham.

PITT, H. T., Rosslyn, Stamford Hill.

POLLETT, H. M., Fernside, Bickley, Kent.

PROTHEROE, W. H., 67, Cheapside, E.C.

SANDER, F., V.M.H., St. Albans.

SMEE, A. H., Wallington, Surrey.

STATTER, T., Stand Hall, Whitefield, Manchester.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park.

WATSON, W., Royal Gardens, Kew.

WHITE, W. H., Burford Lodge Gardens, Dorking.

WILLIAMS, H., Victoria Nurseries, Holloway, N.

WINN, C., The Uplands, Selly Hill, near Birmingham.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are
Members of all the Committees.

NARCISSUS COMMITTEE, 1899-1900.

(Established 1885.)

CHAIRMAN.

BENNETT-POË, JOHN T., 29, Ashley Place, S.W.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., Royal Herbarium, Kew.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

ENGLEHEART, Rev. GEORGE H., Appleshaw, Andover.

HON. SECRETARY.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.

BARR, R., 12, King Street, Covent Garden, W.C.

BOSCAWEN, Hon. J., Tregye, Perranwell.

BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CAMMELL, M., Loxwood House, Billingshurst, Sussex.

COWAN, O. W., Valleyfield, Penicuik, Midlothian.

FOSTER, Professor M., V.M.H., Sec. R.S., Shelford, Cambridge.

DE GRAAFF, S. A., Leyden, Holland.

GOLDRING, W., 34, Gloucester Road, Kew,

KINGSMILL, A., The Holt, Harrow Weald, Stanmore.

KRELAGE, J. H. Haarlem, Holland.

LEICHTLIN, MAX, Baden-Baden.

MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.

MARSH, Rev. T. H., Cawston Rectory, Norfolk.

MILNE READHEAD, R., Holden Clough, Bolton-by-Bowland, Clitheroe.

MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.

POPE, J., The Ericas, King's Norton.

SMITH, J. A. DORIEN, Tresco Abbey, Scilly.

SYDENHAM, R., 190, Bristol Road, Birmingham.

TITHERADGE, G. T., Savage Club, Adelphi.

VILMORIN, HENRY L. DE, Quai de la Mégisserie, Paris.

WALKER, JAMES, Ham Common, Surrey.

WARE, WALTER T., Inglescombe Nurseries, near Bath.

WILKS, Rev. W., Shirley Vicarage, Croydon.

WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

NOTE.—Members of the Council are Members of all the Committees.

The NARCISSUS COMMITTEE will meet in the DRILL HALL, James Street, Victoria Street, Westminster, on the following dates, at 12 o'clock, noon, viz., March 14th, 28th, April 18th, and May 2nd, 1899.

REGULATIONS
FOR THE
FRUIT, FLORAL, & ORCHID COMMITTEES,
AND FOR INTENDING EXHIBITORS.
1899-1900.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 32), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 53, *et seq.*; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except, *see* Rule 14, page 50.)

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—*see* Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., James Street, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 77). If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing* :—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are invited to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less than six* must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

Cut Flowers *sent up for First Class Certificate or Award of Merit* must not be "dressed," but should be shown as cut from the plants without any artificial support, such as wiring, cups, collars, &c. This rule applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers; and the non-observance of it will *ipso facto* disqualify the flowers from the possibility of any Certificate.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Two general forms of award will be made by the Council, viz. :—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made to very superior seedlings or novelties, or to recently introduced, re-introduced, or very rare objects, or to highly decorative plants, according to their merits. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

14. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, etc., so distinguished, at the next (or nearest possible,) General Meeting of the Society at Westminster or elsewhere, in order that they may if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

15. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

16. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

17. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

18. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

FRUITS FOR COTTAGERS, FARMERS,

AND

OWNERS OF SMALL GARDENS.

Price, Post Free, Single Copy, 2d.; 25, 2/-; 50, 3/-; 100, 4/-.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture," may also be obtained from the Society's Office, 117, Victoria St., S.W. Price to Fellows, 1s. 6d.; non-Fellows, 3s.

THE SHERWOOD SILVER CUP.

1899.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it has been decided to offer it in 1899 as follows :—

THE SHERWOOD SILVER CUP value £10 10s. will be given to the Exhibitor who being an Amateur or a gentleman's Gardener shall obtain the highest total number of marks at the meetings on June 13th and September 26th, for Collections of Vegetables.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging," pages 16—22, &c.

Exhibitors may exhibit at either or both of the meetings named. Marks will be given at each meeting, and the total announced after September 26th.

Notice of intention to compete, and *space required*, must be sent to the R. H. S. Secretary, 117, Victoria Street, at least the Thursday before each meeting.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1899--1900.

Fruit, Floral, and Orchid Meetings will be held in the **Drill Hall, James Street, Victoria Street, Westminster** (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 31st, and June 1st and 2nd, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 64); on July 11th at Chiswick, and July 12th at 117, Victoria Street (*see* p. 67, *et seq.*); on September 28th, 29th and 30th, at the Crystal Palace (*see* p. 75), but on all other dates at the Drill Hall, James Street, Victoria Street, Westminster.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Vegetables, Plants, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. See page 48, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit **NEW, RARE OR INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c.**, as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The Regulations to be observed by Competitors for the Prizes will be found on page 78.

TUESDAY, JANUARY 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. General Meeting for election of Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 31st (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "Twelve Months among
 the Orchards of Nova Scotia," by Mr. Cecil H.
 Hooper, F.R.H.S.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at 117, Victoria Street, for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street.

TUESDAY, FEBRUARY 28th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture (illustrated by Lime-light) in the Drill Hall on
 "The Colours of Insects: their Meaning and Use,"
 by Mr. H. L. T. Blake, F.R.H.S.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, MARCH 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The Duke of Bedford's Experiments at Woburn: their Object and Method," by Mr. Spencer Pickering.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 28th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor G. Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 18th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*
3. Group of Daffodil Blossoms (Polyanthus varieties excluded); must include some of each section, Magni-, Medii-, and Parvi-Coronati; must contain at least 40 varieties distinct, of 30 of which at least three blooms each must be shown. Not more than nine blooms of any one variety. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be given due weight. Any foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are two Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, **£7 7s.** Silver Cup, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Asparagus, Forced and Outdoors," by Mr. G. Norman, F.R.H.S.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.

Also, on April 18th.

NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW.

(For Rules and Regulations, see page 79.)

The R.H.S. contributes £10 towards the following Prizes, and distributes 350 One Shilling Tickets of Admission to Members of the N.A.P.S.

CLASS

- | | | |
|----|--------------------------------|--|
| A. | 12 Auriculas, dissimilar..... | 70s.—50s.—40s.—30s.—20s.—10s. |
| B. | 6 Auriculas, dissimilar..... | 35s.—30s.—20s.—15s.—10s.—5s. |
| C. | 4 Auriculas, dissimilar..... | 25s.—20s.—15s.—10s.—7s. 6d.—5s. |
| D. | 2 Auriculas, dissimilar..... | 15s.—12s. 6d.—10s.—7s. 6d.—5s.—2s. 6d. |
| E. | Single specimen, green edged.. | 8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s. |
| F. | Single specimen, grey edged .. | 8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s. |
| G. | Single specimen, white edged.. | 8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s. |
| H. | Single specimen, self | 8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s. |

- I. 50 Auriculas, not less than 20 varieties (may include Alpines)—
80s.—60s.—40s.
NOTE.—One truss only may be shown in Auriculas; one or more in Alpines.
- K. 12 Alpine Auriculas, dissimilar30s.—20s.—10s.—7s. 6*l.*—5s.
- L. 6 Alpine Auriculas, dissimilar20s.—15s.—10s.—5s.—3s.
- M. 4 Alpine Auriculas, dissimilar15s.—10s.—7s. 6*l.*—5s.—3s.
- N. Alpine Auricula, single specimen, gold centre, 5s.—4s.—3s.—2s.—1s.
- O. Alpine Auricula, single specimen, white or
cream centre, 5s.—4s.—3s.—2s.—1s.
NOTE.—One or more trusses may be shown in the Classes K., L., M., N., and O.
Shaded or unshaded flowers may be shown at the option of the Exhibitor.
- P. 12 Auriculas, fancy, 6 at least to be distinct, not more than
two of any variety, 15s.—10s.—5s.
NOTE.—In Class P the plants may be arranged in a tasteful manner, with or with-
out flower pots.
- Q. 12 Polyanthus, dissimilar, fancy20s.—15s.—10s.—5s.
- R. 12 Primroses, dissimilar, single20s.—15s.—10s.—5s.
- S. 6 Primroses, dissimilar, double, in pots or pans, not necessarily
one plant10s.—7s. 6*l.*—5s.
- T. 12 Primulas, distinct species, or well marked varieties,
25s.—20s.—15s.—10s.
- U. 6 Primulas, distinct species, or well marked varieties,
15s.—10s.—7s. 6*l.*—5s.
- V. Auricula, Premier, selected from the whole Exhibition.....10s.
- W. A Basket of Primrose and Polyanthus plants arranged for effect,
20s.—15s.—10s.
- X. Group of any species or varieties of Primula or Auricula, in
box or basket, not to exceed 12 superficial feet. Tasteful
arrangement to be considered20s.—15s.—10s.
- Y. Prizes of 10s. and 7s. 6*l.* will be awarded (if worthy) to Seedlings
in Auriculas—green edged, grey edged, white edged, and selfs.
- Z. Alpines, gold centres6s.—4s.
Alpines, white or creamy centres6s.—4s.
- AA. For those who have never won a Prize.
6 Show Auriculas, dissimilar. 15s.—10s.—7s. 6*l.*—5s.—2s. 6*l.*
- BB. For those who have never won a Prize.
6 Alpine Auriculas, dissimilar. 12s.—9s.—6s.—4s.—2s. 6*l.*
- CC. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.

TUESDAY, MAY 2nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "The British and Swiss
 Alpine Floras," by Mr. G. A. Newell Arber, B.A.
 F.R.H.S.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, MAY 16th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants
 Exhibited," by Rev. Professor G. Henslow, M.A.,
 V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

PRIZE ESSAYS.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture" may be obtained from the Society's Office, 117, Victoria St., S.W. Price to Fellows, 1s. 6d. ; non-Fellows, 3s.

WEDNESDAY, THURSDAY, and FRIDAY,

May 31st, June 1st and 2nd, 1899,

GREAT FLOWER SHOW

WILL BE HELD IN THE

INNER TEMPLE GARDENS.

THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, WEDNESDAY, MAY 31st.

- 10.30 a.m. Judging commences.
- 11 a.m. Fruit, Floral and Orchid Committees assemble.
- 12 noon. Council Meeting.
- 12.30 Exhibition opens to Fellows.

The Council of the Royal Horticultural Society invite Exhibits of all classes of Plants, Flowers, Fruits, and Vegetables, to be arranged in groups according to the taste of Exhibitors.

(See N.B. on next page).

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF

SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

The Council will be pleased to receive the promise of Special Prizes, or Donations towards Special Prizes, for any subjects in which the Donor may happen to be interested.

Division I.—GROUPS OF FLOWERING AND DECORATIVE PLANTS.

| Class | | Class | |
|-------|--------------------|-------|--------------------------|
| 1 | Amaryllis. | 17 | Dieffenbachia. |
| 2 | Anthuriums. | 18 | Dracenas. |
| 3 | Arisaemas. | 19 | Ferns. |
| 4 | Azaleas. | 20 | Gloxinias. |
| 5 | Begonias (single). | 21 | Hardy Herbaceous Plants. |
| 6 | „ (double). | 22 | Leschenaultias. |
| 7 | Cactaceous Plants. | 23 | Marantas. |
| 8 | Caladiums. | 24 | Orchids. |
| 9 | Calatheas. | 25 | Palms. |
| 10 | Calceolarias. | 26 | Pelargoniums. |
| 11 | Cannas. | 27 | Petunias. |
| 12 | Carnations. | 28 | Rhododendrons. |
| 13 | Clematis. | 29 | Roses. |
| 14 | Clivias. | 30 | Streptocarpus. |
| 15 | Crotons. | 31 | Miscellaneous Plants. |
| 16 | Cycads. | | |

Division II.—COLLECTIONS OF CUT FLOWERS.

N.B.—To prevent undue appropriation of space, only one bunch of each distinct variety will be allowed in any Exhibitor's collection in Division II.

| Class | | Class | |
|-------|-------------------|-------|----------------|
| 32 | Carnations. | 37 | Pæonies. |
| 33 | Hardy Perennials. | 38 | Roses. |
| 34 | Iris. | 39 | Tulips. |
| 35 | Lilies. | 40 | Miscellaneous. |
| 36 | Pyrethrums. | | |

Division III.—COLLECTIONS OF FRUITS AND VEGETABLES.

| Class | | Class | |
|-------|---|-------|--|
| 41 | Apples. | 49 | Peaches (fruit trees, in pots or otherwise). |
| 42 | Asparagus. | 50 | Peas. |
| 43 | Beans. | 51 | Pine Apples. |
| 44 | Cherries (fruit trees, in pots or otherwise). | 52 | Potatos. |
| 45 | Cucumbers. | 53 | Radishes. |
| 46 | Melons. | 54 | Rhubarb. |
| 47 | Mushrooms. | 55 | Strawberries. |
| 48 | Nectarines (fruit trees, in pots or otherwise). | 56 | Tomatos. |
| | | 57 | Miscellaneous. |

N.B.—The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to omit all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

RULES &c., FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—The name cards of the plants &c. should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs. So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 2.

2.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred.

3.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

4.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

5.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on both sides. No other covering material will be allowed.

6.—No coloured paper or ribbons may be used for decoration.

7.—In consequence of the great increase in the number of Exhibitors and the impossibility (in accordance with the wishes of the Authorities of the Inner Temple) of having more tent space than is at present provided, the following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sq. ft. each—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sq. ft. each—Begonias, Orchids, Ferns and Hardy Cut Flowers.
[N.B.—Duplicate Bunches of Cut Flowers are prohibited.]

200 sq. ft. each—Clematis, and Show and Fancy Pelargoniums.

300 sq. ft. each—Foliage plants, Palms, and others of a similar character.

400 sq. ft. each—Caladiums, Pot Roses and Fruit Trees.

8.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, Flowers, Fruits or Vegetables they wish to exhibit.

9.—Exhibits must not be removed until half-an-hour after the closing of the Show.

10.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 8th day before the Show, *i.e.* on Tuesday, May 23rd, 1899. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS.

At the Temple Show, 1899.

—:0:—

Exhibitors must post the notice of their intention to exhibit to *The Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 8th day before the Show, i.e. on Tuesday, May 23rd.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's tent** at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets must be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 30th or the morning of the Show up to 9 o'clock, at which hour the gates will be closed, and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on June 2nd, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Friday, May 26th.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, James Street, S.W., and at Chiswick and the Crystal Palace; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, May 23rd. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the TEMPLE SHOW CATALOGUE 1899 may be booked at once to secure a good position.

Advertisement Office:—Royal Horticultural Society, 117 Victoria Street, London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1899.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else).

(b) The Public, by purchased Tickets:—On Wednesday, May 31st, from 12.30 to 5 p.m., 7s. 6d.; from 5 p.m. to 7 p.m., 2s. 6d. On Thursday, from 10 a.m. to 7 p.m., 2s. 6d. On Friday, from 10 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Thursday. These tickets *can only be obtained* on or before May 29th from the Society's Office, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

FRUITS FOR COTTAGERS, FARMERS,

AND

OWNERS OF SMALL GARDENS.

Price, Post Free, Single Copy, 2d. ; 25, 2/- ; 50, 3/- ; 100, 4/-.

TUESDAY, JUNE, 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Sherwood Silver Cup for Vegetables, p. 52. *Amateurs.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Rock-gardens, Ponds, and Rivulets in Gardens," by Mr F. W. Meyer.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JUNE 27th (Drill Hall).

CLASS

- 1a. New or Rare Plants and Flowers. *Open* *Certificates.*
- 2a. New or Rare Fruits and Vegetables. *Open* *Certificates.*

SPECIAL ROSE SHOW.

The National Rose Society contributes £15 10s. towards the following Prizes:—

For Special Rules for Exhibitors, see R. H. S. 1899 Code of Rules for Judging, Section 118 et seq., and p. 80. Entries close on June 23rd.

MIXED VARIETIES.

1. 24 Single trusses, distinct. *Open*.....First Prize, £3; Second, £2 Third, £1.
2. 18 Single trusses, distinct. *Amateurs*First Prize, £3; Second, £2; Third, £1.
3. 18 Single trusses, distinct. *Open*. ..First Prize, £2; Second, £1 10s.; Third, 15s.
4. 12 Single trusses, distinct. *Amateurs*First Prize, £2; Second, £1; Third, 10s. (See note.)
5. 6 Single trusses, distinct. *Amateurs*First Prize, £1; Second, 15s. (See note.)
6. 9 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs.* First Prize, £1; Second, 15s.
7. 6 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs.* First Prize, 15s.; Second, 10s.

TEAS AND NOISETTES.

8. 18 Single trusses, not less than 12 varieties or more than 2 trusses of any one variety. *Amateurs* .. First Prize, £3; Second, £1 10s.
9. 18 Single trusses, distinct. *Open*.....First Prize, £2 10s.;
Second, £1 10s.
10. 12 Single trusses, not less than 9 varieties or more than 2 trusses of any one variety. *Amateurs*First Prize, £1 10s.; Second, £1.
11. 6 Single trusses, not less than 4 varieties. *Amateurs*..First Prize, £1;
Second, 15s. (See note.)
12. 9 Single trusses of any one variety. *Amateurs* First Prize, £1;
Second, 15s.
13. 6 Single trusses of any one variety. *Amateurs*First Prize, £1;
Second, 15s.

GARDEN ROSES.

Exhibits to be staged in tubes, vases, boxes, or other receptacles: inside of tubes, &c., not to exceed 2 inches diameter at the top and all the stems to reach the water. Each variety in a separate receptacle. All Hybrid Perpetuals (except single-flowered varieties) excluded. All Teas and Noisettes and Hybrid Teas mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses also excluded. Moss, Provence, and other Summer-flowering Roses may be included.

- 36 distinct varieties, not less than three trusses of each. *Open*. (Space occupied by exhibit not to exceed 10-ft. by 3-ft.) First Prize, £3;
Second, £2.
15. 18 distinct varieties, not less than three trusses of each. *Amateurs*.
(Space occupied by exhibit not to exceed 6-ft. by 3-ft.) First Prize, £1 10s.;
Second, £1.

N.B.—Exhibitors may only compete in one of the Classes 1, 3; or 2, 4, 5; or 6, 7; or 8, 10, 11; or 12, 13. Further, Classes, 4, 5 and 11, are reserved for Growers of less than 1,000 Exhibition Roses of the N. R. S. Catalogue.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants Exhibited" by the Rev. Professor Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

INTERNATIONAL CONFERENCE

1899

Tuesday, July 11th, at Chiswick,

Wednesday, July 12th, in London.

On Hybridisation (the Cross-Breeding of Species) and
on the Cross-Breeding of Varieties.

COMMITTEE OF ARRANGEMENT.

F. W. BURBIDGE, M.A., V.M.H.

W. T. THISELTON-DYER, C.M.G.,
F.R.S.

JAMES DOUGLAS, F.R.H.S.

G. H. ENGLEHEART, M.A.

G. HENSLOW, M.A., V.M.H.

MAXWELL T. MASTERS, M.D.,
F.R.S.

T. J. BENNETT-POE, F.R.H.S.

CHARLES E. SHEA, F.R.H.S.

HARRY J. VEITCH, F.L.S.

WILLIAM WILKS, M.A., Sec. R.H.S.

NOTE.

All Plant-growers, whether Amateurs or Nurserymen, are particularly requested to exhibit Hybrid or Cross-bred Plants (whether in bloom or not), with their Parents, at the Meeting of the Conference at Chiswick, on Tuesday, July 11th. All Plants should arrive at the Society's Gardens at Chiswick at or before 11.30 a.m., and may be removed at 5 p.m.

The ordinary Committees of the Society will meet at Chiswick on Tuesday, July 11th, at 12 punctually, and Plants, &c., for *Certificate*, will be placed before them as at the usual meetings in the Drill Hall, but with the exception of Plants, &c., for *Certificate* and Hybrids and their Parents no other Plants, &c., may be exhibited on this day.

TUESDAY, JULY 11th (Chiswick).

CLASS.

1. New and Rare Plants and Flowers. *Open*.....*Certificates*
2. New and Rare Fruits and Vegetables. *Open**Certificates*.
Any New or Rare Plants, &c., may be shewn for Certificate exactly in the same way as at the Drill Hall.

N.B.—The Exhibition of Hybrid and Cross-bred Plants, whether in blossom or not, is specially requested with their Parents if possible, and a written account of the origin of the Hybrid; but with the exception of Plants, &c., shewn for Certificate none but such specially indicated plants may be shewn. No Groups or Miscellaneous Exhibits.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 12.45. The President of the Society, Sir Trevor Lawrence, Bart., will receive the Invited Members of the Conference.
- 1 p.m. Luncheon.
- 2.15 p.m. Conference on Hybridisation and Cross-breeding.
- 5.0 p.m. Conference adjourns.
- 6.0 for 6.30 p.m. The Foreign Members of the Conference will be entertained at Dinner on the kind invitation of the HORTICULTURAL CLUB, under the Presidency of Sir JOHN D. T. LLEWELYN, Bart., M.P., at the Hotel Windsor, Victoria Street. *Morning Dress*.

WEDNESDAY, JULY 12th (117, Victoria St., S. W.).

MEETINGS.

- 2.15 p.m. Conference continued at 117, Victoria Street.
- 5.0 p.m. Conference concludes.
- 6.30 for 7 p.m. Banquet of the Society at the Whitehall Rooms, Hotel Metropole. *Evening Dress*. All Fellows can, as far as space will permit, obtain tickets (price 21/- each), for Ladies or Gentlemen, by applying (with Cheque or Postal Order) to the Secretary, 117, Victoria Street, before July 1st.

The following arrangements are provisional and subject to alteration:—

TUESDAY, JULY 11th at Chiswick, at 2.15 p.m.

1. Introductory observations.
Maxwell Masters, M.D., F.R.S., London, *Chairman*.

2. Hybridisation and Cross-breeding as a Method of Scientific Investigation.
W. Bateson, Esq., M.A., F.R.S., Cambridge.
 3. Hybridisation—its Successes, its Failures.*
The Rev. Professor Geo. Henslow, M.A., V.M.H., London.
 4. The Stability of Hybrids.
Professor Hugo de Vries, Amsterdam.
 5. Progress of Hybridisation in the United States of America.
Professor L. H. Bailey, Cornell University, Ithaca, U.S.A.
-

**WEDNESDAY, JULY 12th at 117, Victoria Street,
Westminster, at 2.15 p.m.**

1. Introductory observations.
Dr. W. O. Focke, The University, Bremen, *Chairman*.
2. The Structure of certain New Hybrids (*Passiflora*, *Albuca*, *Ribes*, *Begonia*, &c.) ; with Lantern Demonstration.
Professor J. H. Wilson, M.D., F.R.S.E., St. Andrew's, N.B.
3. Hybrid and Cross-bred Orchids.
Norman Cookson, Esq., F.R.H.S., Wylam-on-Tyne.
4. Hybrid and Cross-bred Garden Plants.
Monsieur Lemoine, F.R.H.S., Nancy.
5. Cross-bred Bulbous Plants.
Herr S. A. De Graaff, F.R.H.S., Leyden.
6. Cross-bred Caladiums.
Monsieur Bleu, F.R.H.S., Paris.
7. Hybrid and Cross-bred Fruits.
Luther Burbank, San Rosa, California, U.S.A.
T. Francis Rivers, Esq., V.M.H., Sawbridgeworth.
8. Cross-bred Vegetables.
Monsieur Henry de Vilmorin, F.R.H.S. Verrieres.

*Professor Henslow will be most grateful to anyone who will send him full detailed particulars of attempted Hybridisations *which have failed*.—Address, the Rev. Professor Geo. Henslow, 80, Holland Park, W.

9. Hybrid or Cross-bred Irises, Begonias, Chrysanthemums, Cinerarias, Rhododendrons, Clematis, Fuchsias, Violas, Gladiolus, Narcissi.

Dr. Michael Foster, Sec. R.S., Monsieur Crozy, Messrs. J. Laing, V.M.H., Chas. E. Shea, W. J. James, F. G. Waterer, Harry J. Veitch, A. G. Jackman, R. Lye, G. Yeld, J. Heal, V.M.H., V. Lemoine, Dr. Stuart, and Rev. G. H. Engleheart, M.A., have been invited to supply short papers on these subjects.

The writers of Papers are requested to give all the information possible; and those who are able to be present in person are requested to mark off portions of their Papers which can be read within a limit of from 20 to 30 minutes.

The selection of the Papers to be read at the Meetings and their order must be determined at the time, and will be left to the discretion of the Chairman and Committee; but *all the Papers* will be printed in full in the Society's official report of the Conference.

Those gentlemen who will be unable to attend the Conference in person are requested to furnish brief abstracts of their Communications, to be read at one or other of the Meetings.

All MSS. in a foreign language should be sent to the Secretary (with a short abstract) at least 10 days before the Conference that they may be translated in readiness.

Amateurs, Nurserymen and Gardeners, are requested to send exhibits of true Hybrids, and of any plants known to be of cross-bred origin; also of Graft Hybrids; for exhibition at Chiswick on 11th.

In order that accurate results may be arrived at and to facilitate comparisons and deductions, a card (as shown) will be supplied to all exhibitors on application, which it is requested may be carefully filled up with all the necessary details. When either the seed or pollen Parents, or both, are themselves cross-bred, it is particularly requested that the pedigree may be given through as many generations of ancestors as possible. Exhibitors are most earnestly requested to apply for their cards beforehand, and to fill them up accurately and legibly, as the utility of the Conference will greatly depend on their so doing. Each separate plant should be entered on a separate card so as to avoid confusion—only one plant on one card.

Anyone who will be so kind as to send plants or cuttings of Hybrids to be grown at Chiswick in readiness for the Conference will receive the best thanks of the Council and of all who are interested in the matter.

SPECIMEN OF CARD (REDUCED).

HYBRID OR CROSS-BRED PLANT.*Raised by Mr.* *Address**Exhibited by Mr.* *Address**Date of Cross*

| Name of Hybrid or Cross-bred. | Female or Seed Parent. | Male or Pollen Parent. | Ancestral Pedigree. |
|----------------------------------|---------------------------|---------------------------|------------------------|
| | | | |

Remarks on Variation, Size, Form, Colour, &c.:—

The Conference will open at Chiswick on Tuesday, July 11, at 12.45 p.m., when the Guests of the Society will be received by the President, Sir Trevor Lawrence, Bart. Luncheon will take place at 1 p.m., after which the Conference will assemble for business at 2.15 p.m. and sit until 5 p.m.

On Tuesday, July 11, by the kind invitation of the HORTICULTURAL CLUB, the Foreign Members of the Conference will be entertained at Dinner at 6.0 for 6.30 p.m., under the Presidency of Sir John D. T. Llewelyn, Bart., M.P., at the Hotel Windsor, Victoria Street, S.W. *Morning Dress.*

On Wednesday, July 12, the Conference will re-assemble in the Council Room of the Society at 117, Victoria Street, at 2.15 p.m. The

Conference will close at 5 p.m., after which the Society's distinguished Foreign Guests will be entertained at a Banquet at the Whitehall Rooms of the Hotel Metropole at 6.30 for 7 p.m., under the Chairmanship of Sir Trevor Lawrence, Bart., President of the Society. Fellows wishing for tickets for the Banquet, (price 21s. each) for Ladies or Gentlemen, should apply to the Secretary before July 1st.

All persons interested in Hybridisation, or in cross-breeding, are requested to assist by every means in their power, and are invited to send written information in the form of Short Notes for publication in the Report of the Conference or otherwise, to the Secretary, Rev. W. Wilks, 117, Victoria Street, Westminster.

All interested are invited, but special invitation has been sent to the following well known Hybridists and Botanists; and apology is tendered to any whose names have been accidentally omitted:—

Prof. L. H. Bailey.
 Prof. I. Bailey Balfour, F.R.S.,
 V.M.H.
 W. Bateson, F.R.S.
 E. J. Beale, V.M.H.
 W. J. Bean.
 F. Benary.
 Alfred Bennett.
 T. J. Bennett-Poë.
 A. Bleu.
 Dr. Bonavía.
 Geo. Bunyard, V.M.H.
 Luther Burbank.
 F. W. Burbidge, M.A., V.M.H.
 Rt. Hon. J. Chamberlain, M.P.
 Norman Cookson.
 Prof. Maxime Cornu.
 M. Crozy.
 W. Culverwell.
 A. de la Devansaye.
 J. Dickson.
 H. H. D'Ombraïn, M.A., V.M.H.
 J. Douglas.
 C. T. Drury, V.M.H.

W. T. Thiselton Dyer, F.R.S.,
 C.M.G.
 W. Eckford.
 H. J. Elwes, F.R.S., V.M.H.
 G. H. Engleheart, M.A.
 Prof. Farmer, M.A.
 Dr. W. O. Focke.
 Prof. Michael Foster, Sec. R.S.,
 V.M.H.
 Otto Fröbel.
 T. W. Girdlestone, M.A.
 Simon de Graaff.
 J. Heal, V.M.H.
 Prof. Henriques.
 Prof. Geo. Henslow, V.M.H.
 Sir J. D. Hooker, F.R.S., V.M.H.
 C. C. Hurst.
 A. G. Jackman.
 W. J. James.
 R. W. Ker.
 Count Oswald de Kerchove.
 E. H. Krelage.
 J. Laing, V.M.H.
 R. Latour-Marliac.

Sir Trevor Lawrence, Bart.
 W. Laxton.
 Max Leichtlin.
 V. Lemoine.
 Sir J. D. T. Llewelyn, Bart., M.P.
 E. J. Lowe, F.R.S.
 Prof. F. Ludwig.
 R. Lye.
 R. I. Lynch.
 Dr. Macfarlane.
 C. Maron.
 J. Martin.
 Maxwell T. Masters, M.D., F.R.S.
 H. B. May.
 T. Meehan.
 F. W. Moore, V.M.H.
 J. J. Moser.
 Charles Naudin.
 Geo. Nicholson, V.M.H.
 James O'Brien, V.M.H.
 Geo. Paul, V.M.H.
 W. Paul, V.M.H.
 A. H. Pearson.
 C. Pearson.
 Lord Penzance.
 E. Pynaert.
 Francis Rivers, V.M.H.
 W. Robinson.

R. A. Rolfe, F.L.S.
 C. J. Salter.
 F. Sander, V.M.H.
 Prof. Sargent.
 Carl Schmidt.
 J. Seden, V.M.H.
 Dr. Scott, F.R.S.
 Chas. E. Shea.
 Martin Smith, V.M.H.
 Thos. Smith.
 W. Smythe.
 Sir C. Strickland, Bart.
 Dr. Stuart.
 A. Sutton, V.M.H.
 Georges Truffaut.
 H. J. Veitch.
 Prof. Hugo de Vries.
 H. de Vilmorin.
 M. de Vilmorin.
 Prof. Marshall Ward, F.R.S.
 F. G. Waterer.
 W. Watson.
 G. F. Wilson, V.M.H.
 Prof. J. H. Wilson, M.D.
 Dr. L. Wittmack.
 C. Wolley Dod, M.A., V.M.H.
 G. Yeld, M.A.

By order of Council,

W. WILKS,

Secretary.

TUESDAY, JULY 25th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Collection of Cactaceous Plants. *Amateurs*.. Prize, Silver Flora Medal.

For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Seed Dispersal," by Professor
 G. S. Boulger.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*..... *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Pruning, What for, How,
 and When," by Mr. R. P. Brotherston.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 29th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*..... *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Soil considered as
 Plant-food, and its Exhaustion," by Monsieur
 Georges Truffaut.

TUESDAY, SEPTEMBER 12th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Lessons from the Great Drought of 1898," by Mr. Ed. Mawley, President of the Meteorological Society.
-

TUESDAY, SEPTEMBER 26th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*
3. Sherwood Silver Cup for Vegetables. *Amateurs*, p. 52.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall, on "Instructional Fruit Stations," by Mr. E. Luckhurst, F.R.H.S.
-

THURSDAY, FRIDAY and SATURDAY, SEPT. 28th, 29th, and 30th, 1899.

The Society will hold a **GREAT EXHIBITION of BRITISH-GROWN FRUITS** at the **CRYSTAL PALACE**

A Special Schedule of Prizes will be published in April, 1899, provided that £100 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture, illustrated by Lime-light, in Drill Hall on "The Injurious Scale Insects of the British Isles," by Mr. Robert Newstead, F.E.S.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

CLASS

- ## MEETINGS.

- CLASS

- ## MEETINGS.

- CLASS

- ## MEETINGS.

- CLASS

- ## MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture in Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, DECEMBER 19th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

1900.

TUESDAY, JANUARY 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JANUARY 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Neglect of Flowering Shrubs in Gardens," by Mr. Geo. Bunyard, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE
 DRILL HALL.

| | | | | | |
|---|------------------------------|------------------------------------|---|------------------------------|------------------------------------|
| January 10th 31st February 14th 28th March 14th October 24th | } } } } | 4 o'clock. | November 7th 21st December 5th 19th January 9th 23rd | } } } } | 4 o'clock. |
|---|------------------------------|------------------------------------|---|------------------------------|------------------------------------|

All other days, at the Drill Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 57 et seq.

(For Special Regulations for Temple Show, see p. 62.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." *See p. 14.*

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required.

New plants, &c., for the Committees, *see p. 47.*

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple Show, *see p. 60.*

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the bona fide property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula and the Rose Shows—*see pp. 79, 80.*

A Special Schedule will be issued in April for the Crystal Palace Fruit Show, September 28th, 29th, and 30th.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 18th, IN THE DRILL HALL.

(For List of Prizes See page 57.)

1. The prizes are open only to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.
2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.
3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.
4. The Plants must be in the Drill Hall, James Street, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.
5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.
6. Exhibitors in Classes A and B may not compete in Classes C and D, and in two only of Classes K, L, M. Those who compete in T cannot do so in U.
7. In addition to the legible naming required by the 5th Condition, Exhibitors in this Class are invited to give the native country of species.
8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.
9. All Plants and Flowers shown in the Schedule Classes must have been the *bona fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.
10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS
AT THE
ROSE SHOW, JUNE 27TH.

(See R.H.S. 1899 "Code of Rules for Judging, &c.")

I. Exhibitors must give notice in writing of the Classes in which they intend to exhibit, to the Secretary, R.H.S., 117, Victoria Street, S.W., on or before Friday, June 23rd, 1899.

II. Exhibitors will receive on the morning of the Exhibition cards numbered in order to distinguish their exhibits. These cards must be placed on or in front of the stands, previous to their being examined by the Judges.

III. No boxes will be received after *Half-past Eleven o'clock*, and everything must be ready for the Judges by *Twelve o'clock*.

IV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

V. The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand:—

HYBRID PERPETUALS.

| | | |
|------------------------|------------------------|----------------------|
| { Charles Lefebvre | { Eugénie Verdier | { Grand Mogul |
| { Marguerite Brassac | { Marie Finger | { Jean Souperet |
| { Paul Jamain | | |
| { Comtesse de Choiseul | { Exposition de Brie | { La Rosière |
| { Marie Rady | { Ferdinand de Lesseps | { Prince C. de Rohan |
| { Duke of Wellington | { Maurice Bernardin | { Paul's Early Blush |
| { Rosieriste Jacobs | { Sir Garnet Wolseley | { Mrs. Harkness |

TEAS AND NOISETTES.

| | |
|--------------------|----------------------------|
| { Alba Rosa | |
| { Josephine Malton | { Souvenir de S. A. Prince |
| { Madame Bravy | { The Queen |
| { Madame de Sertot | |

The Climbing variety of any Rose cannot be shown in the same stand with it:—for instance, Climbing Devoniansis cannot be shown in the same stand with Devoniansis.

VI. All Roses exhibited in competition, must be from plants which have been grown by the Exhibitor for at least three months before the date of this Exhibition.

VII. All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. *Dressing Rose blooms so as to alter their character is prohibited; also the insertion of any additional foliage.*

VIII. The decision of the Judges shall be final, and they will have the power of withholding prizes should the exhibits be considered unworthy. The question of duplicates shall not be re-opened after the Judges have once given their award.

IX. Any Rose grower (whether a Fellow of the Royal Horticultural Society or not) may compete for the prizes mentioned on p. 65.

X. No person shall be allowed to compete as an Amateur who sells Rose Plants or Rose Blooms, nor any person in the employ of a Nurseryman.

XI. Hybrid Teas cannot be shown in the Classes set apart for Teas and Noisettes, but may be shown amongst H. P.'s or in mixed classes.

N.B.—Particular attention is requested to Regulation III., which will be rigidly enforced.

The Exhibition will be open free to Fellows of the Royal Horticultural Society at One o'clock; and to the Public on payment of One Shilling, at Two o'clock. The Exhibition will close at Five p.m., at which hour the boxes may be removed.

Boxes to be painted dark green; height 4 inches in front. The blooms to be shown on Green Moss or other suitable material.

Entries close on Friday, June 23rd, 1899.

ESTABLISHED
A.D. 1804.



INCORPORATED
A.D. 1809.

THE

ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.



PATRON.

Her Most Gracious Majesty the Queen.

ARRANGEMENTS

FOR THE YEAR

→* 1900. *←

Telegrams: "HORTENSIA, LONDON."



LONDON:

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

BY

SMITH & EBBES, PRINTERS, NORTHUMBERLAND ALLEY, FENCHURCH, STREET, E.C.

ALL GROWERS SHOULD USE THOMSON'S Vine, Plant, & Vegetable Manure.

The result of many years' practical experience. So compounded as to combine stimulating with lasting effects.

None is Genuine that does not bear our Name on the Sacks.

Awarded **ONLY MEDAL** for Artificial Manures at Edinburgh International Exhibition, 1886; and **GOLD MEDAL** at Edinburgh International Show, September, 1891.

This Manure is a safe and certain **FOOD** and **STIMULANT** for every fruit-bearing Plant, from the **VINE** downwards, as well as for Pot Plants, Out-Door Plants and Vegetables.

DIRECTIONS FOR USE ARE PLACED IN EACH SACK AND PRINTED ON THE TINS.

1 cwt. and up, carriage paid to all Stations in the United Kingdom. Can be had of all Nurserymen and Seedsmen.

TERMS.

| | | | | | |
|---------|------------|---------|-----------|------------|-----------|
| 1 ton | .. £18 0 0 | 1 cwt. | .. £1 0 0 | 7-lbs. tin | .. £0 3 6 |
| 10 cwt. | .. 9 10 0 | 56 lbs. | .. 0 10 0 | 3 " | .. 0 2 0 |
| 5 " | .. 5 0 0 | 28 " | .. 0 6 0 | 1 " | .. 0 1 0 |

AGENT FOR LONDON—MR. J. GEORGE, 14, REDGRAVE ROAD, PUTNEY.

AGENT FOR CHANNEL ISLANDS—MR. J. H. PARSONS, MARKET PLACE, GUERNSEY.

Thomson's Special Top-Dressing Manure.

To be used as an additional Stimulant during the growing season for Chrysanthemums and other Plants.

TERMS.

| | | | | | | | |
|---------|---------|---------|---------|---------|--------|--------|--------|
| 56 lbs. | .. 20/- | 28 lbs. | .. 11/- | 14 lbs. | .. 6/- | 7 lbs. | .. 3/6 |
|---------|---------|---------|---------|---------|--------|--------|--------|

DIRECTIONS FOR USE ARE PLACED IN EACH BAG.

$\frac{1}{2}$ cwt. and up, Carriage Paid to all Stations in the United Kingdom.

5 PER CENT. FOR CASH IN 14 DAYS.

Sole Makers—

WILLIAM THOMSON & SONS, LTD.,
Tweed Vineyards, Clovenfords, Galashiels.
FULL DIRECTIONS AND TESTIMONIALS ON APPLICATION.

PERFECT PLANT FOODS AND STIMULANTS.

1900-1901.
COUNCIL AND OFFICERS
OF THE
Royal Horticultural Society.

OFFICES:
117, VICTORIA STREET, WESTMINSTER, S.W.
TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.
 HER MOST GRACIOUS MAJESTY THE QUEEN AND EMPRESS.

PRESIDENT.
 SIR TREVOR LAWRENCE, BART.

VICE-PRESIDENTS.
 J. T. BENNETT-POE. | T. B. HAYWOOD.
 SIR JOHN T. D. LLEWELYN, Bart., M.P.

TREASURER.
 PHILIP CROWLEY, F.L.S., F.Z.S.

COUNCIL.
 J. GURNEY FOWLER. | W. MARSHALL.
 JAMES HUDSON, V.M.H. | HUGO MÜLLER, F.R.S.
 FREDERICK LLOYD. | ALFRED H. PEARSON.
 R. MCLACHLAN, F.R.S. | CHARLES E. SHEA.
 HARRY J. VEITCH, F.L.S.

AUDITORS.
 HARRY TURNER, V.M.H. | JAMES H. VEITCH.
 H. B. MAY.

PROFESSOR OF BOTANY. | **CONSULTING CHEMIST.**
 REV. G. HENSLow, M.A., V.M.H. | DR. A. VOMELKER, M.A.

FOREIGN CORRESPONDING SECRETARY.
 MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.
 REV. W. WILKS, M.A.

GARDEN SUPERINTENDENT. | **CASHIER.**
 S. T. WRIGHT. | FRANK READER.

ASST. SUPERINTENDENT. | **CLERKS.**
 T. HUMPHREYS. | H. R. HUTCHINSON.
 W. H. PLOWMAN.

CHARTERED ACCOUNTANTS.
 MESSRS. HARPER BROS., 10, Trinity Square, E.C.

BANKERS.
 LONDON AND COUNTY BANKING COMPANY (Westminster Branch.)

A Complete List of Fellows to January 1st, 1900, is published with the Report of the Council, and Balance Sheet.

TABLE OF CONTENTS.

| | PAGE |
|---|------|
| GENERAL NOTES ON THE SOCIETY | 3 |
| ELECTION AND PRIVILEGES OF FELLOWS | 6 |
| COMMUTATION OF SUBSCRIPTIONS | 7 |
| AFFILIATION OF LOCAL SOCIETIES | 8 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 10 |
| CHISWICK GARDENS | 11 |
| TRIALS AT CHISWICK IN 1900 | 14 |
| QUANTITIES OF SEEDS, &c., TO BE SENT | 15 |
| RAILWAYS TO CHISWICK | 16 |
| HOW TO GET TO CHISWICK | 17 |
| ADMISSION TO CHISWICK | 18 |
| STUDENTS AT CHISWICK | 19 |
| EXAMINATION IN HORTICULTURE | 21 |
| SCHOLARSHIPS | 24 |
| CHEMICAL ANALYSIS PRIVILEGES | 25 |
| THE JOURNAL OF THE SOCIETY | 33 |
| THE LINDLEY LIBRARY | 40 |
| SCIENTIFIC COMMITTEE | 43 |
| FRUIT AND VEGETABLE COMMITTEE | 44 |
| FLORAL COMMITTEE | 45 |
| ORCHID COMMITTEE | 46 |
| NARCISSUS COMMITTEE | 47 |
| REGULATIONS FOR EXHIBITORS | 48 |
| THE SHERWOOD SILVER CUP | 53 |
| MEETINGS AND LECTURES IN 1900 | 54 |
| AURICULA AND PRIMULA SHOW | 59 |
| TEMPLE SHOW, 1900, NEW RULES FOR | 61 |
| RICHMOND SHOW | 67 |
| RAILWAYS TO RICHMOND | 67 |
| ROSE SHOW | 68 |
| RULES FOR COMPETING FOR PRIZES | 74 |
| RULES FOR AURICULA AND PRIMULA SHOW | 75 |
| RULES FOR ROSE SHOW | 76 |
| ADVERTISEMENTS. | |

1900-1901.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. It was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third. It is composed of Fellows, and of Honorary, Corresponding, and Foreign Members; and its affairs are managed by a President and Council of fifteen Members elected annually from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (*See* pages 11—17.)

3. They are devoted to the culture of Fruits, Vegetables, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments and trials are made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results are published in the Society's *Journal*.

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the alternate Tuesdays* throughout the year in the **Drill Hall** of

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

the London Scottish R.V., in **James Street, Victoria Street, Westminster**, (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores). Fellows of the Society are admitted free, at 1 o'clock, and the Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. The Lectures are published in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices of the Society are situated at **117, Victoria Street, Westminster**, where also is kept the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. The library, containing upwards of 4,000 volumes, is always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See page 40*).

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last century. The *Journal* is regularly forwarded post free to all subscribing Fellows, (and to such Honorary and Life Fellows as make written application for it.) It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports

of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (*See page 33*).

INSPECTION OF GARDENS.

9. Fellows desiring to have their Gardens examined can obtain a thoroughly competent Inspector from the Society, who will report and advise at the following cost, viz:—a Fee of £2 2s. for one day (or £3 3s. for two days) together with all out of pocket expenses. No inspection may take up more than two days.

INFORMATION.

10. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

11. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present about 4,200 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND

TERMS OF SUBSCRIPTION

TO THE

Royal Horticultural Society.

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained from the Office, 117, Victoria Street, Westminster. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 7), is entitled—

- 1.—To **One** Non-transferable (personal) Pass and **Five** Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, &c. as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A. B. C. Railway Guide), are entitled to a double share.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following Fees:—One day £2 2s., Two days £3 3s., *plus* all out of pocket expenses. (*See* page 5).
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 10.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To **One** Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **ONE** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

The Society being incorporated by Royal Charter, the Fellows incur no personal liability whatsoever, beyond the payment of their Annual Subscriptions.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION OF LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society.
- 4.—To purchase at cost price one Silver and one Bronze Medal of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., see next page.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society.
- 4.—To purchase, at cost price, two Silver and two Bronze Medals of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., see next page.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

Price of Medals (post free) to Affiliated Societies. s. d.

Silver Flora, 2½ inches in diameter, in Morocco Case, complete 17 9

Bronze Flora do. do. do. do. 6 9

Silver Banksian, 1½ inch in diameter do. do. 8 9

Bronze Banksian do. do. do. do. 4 9

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application through the Secretary of their own Society (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for the past year.

AFFILIATED SOCIETIES.



FIG. 1.

as they may think fit.

A wish having been expressed by some of the societies which are affiliated to the Royal Horticultural Society that they may be allowed to use the Society's Badge, Fig. 1, the Council desiring to meet this very legitimate wish for some outward symbol of affiliation, but considering it better that the Badge should not be actually identical with that in ordinary use by the Parent Society, have caused a new Badge, Fig. 2, to be struck, which may be used by Affiliated Societies, on letter paper, schedules, &c.,

A printing block of this Badge will be presented to every Affiliated Society (now numbering over 120) on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____ Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the

Society.

To the Secretary,

R.H.S. OFFICE,
117, VICTORIA STREET,
WESTMINSTER.

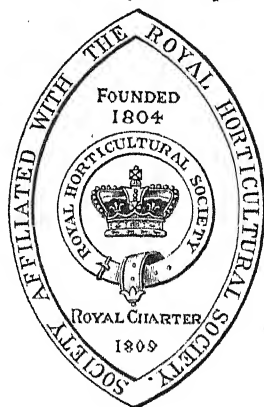


FIG. 2.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in [their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 8.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

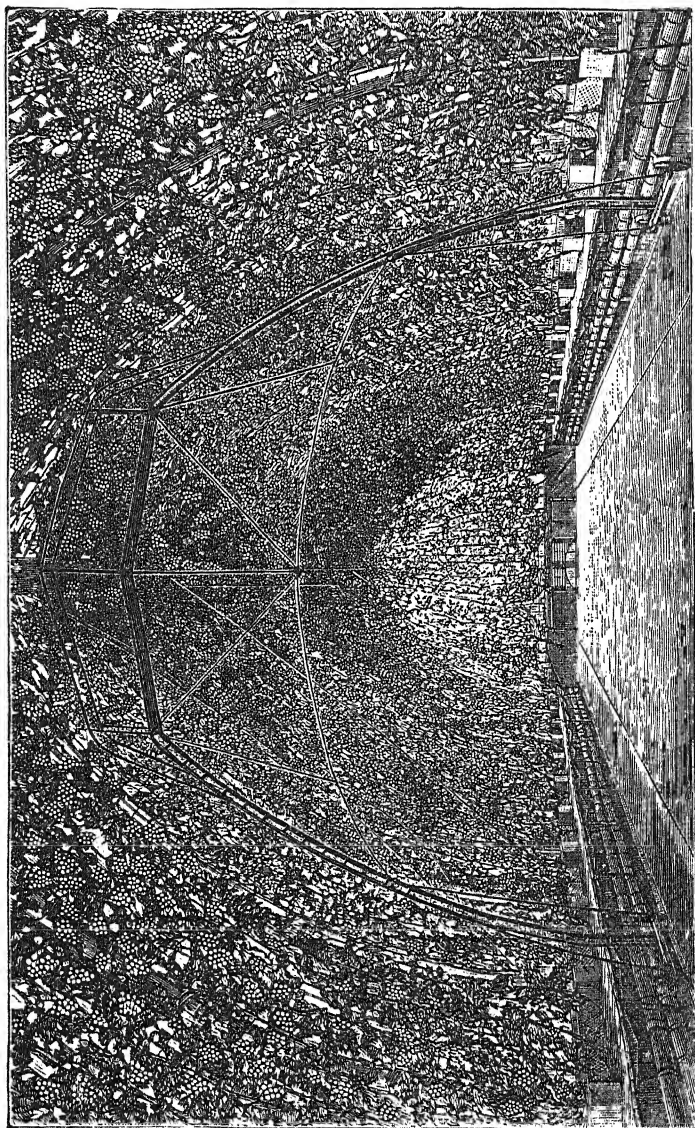
1900-1901.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have given careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

One of the largest houses, No. 6, is devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See page 14*).

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Cannas, Phloxes, Herbaceous Pæonies, Iris, Perennial Asters, Ivies, Early and Late Chrysanthemums, Cape and Zonal Pelargoniums are very extensive. A large number of Carnations have been planted. Caladiums, Tulips, New Cannas, Cactus Dahlias, and Phlox decussata will receive special attention this year. (*See page 14*.)

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK, 1900.

DAHLIAS: CACTUS.—*New varieties only.* Two plants of each should be sent in April. The trial of Cactus Dahlias not having been a success in 1899 (on account of the great drought and heat), the whole collection will be grown again this year.

PHLOX DECUSSATA.—Two plants of each variety should be sent on or before March 1.

TULIPS.—These have all been received and should make a good display in May.

NEW CANNAS.—One plant of each should be sent on or before February 1.

CELERY AND CELERIAC.—Seed should be sent early in January.

PEAS.—Seed to be sent in January.

POTATOS.—Any *New varieties* Also a trial of distinctly *early* Potatoes, of which both old and new varieties are requested. Tubers to be sent by February 1.

TOMATOS.—For *outdoors only.* Seed to be sent before February 1.

All of the above should be sent addressed to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN
REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half
a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoy,
Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce,
Onions, Radish, Parsley—Half an ounce of each.

Potatos—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

Flower Seeds—Sufficient of each variety to ensure a fair trial.

JUST PUBLISHED.

LINDLEY LIBRARY CATALOGUE.

A Complete Guide to the Library

AND

A BIBLIOGRAPHY OF GARDENING.

PRICE, POST FREE, 2s. 6d.

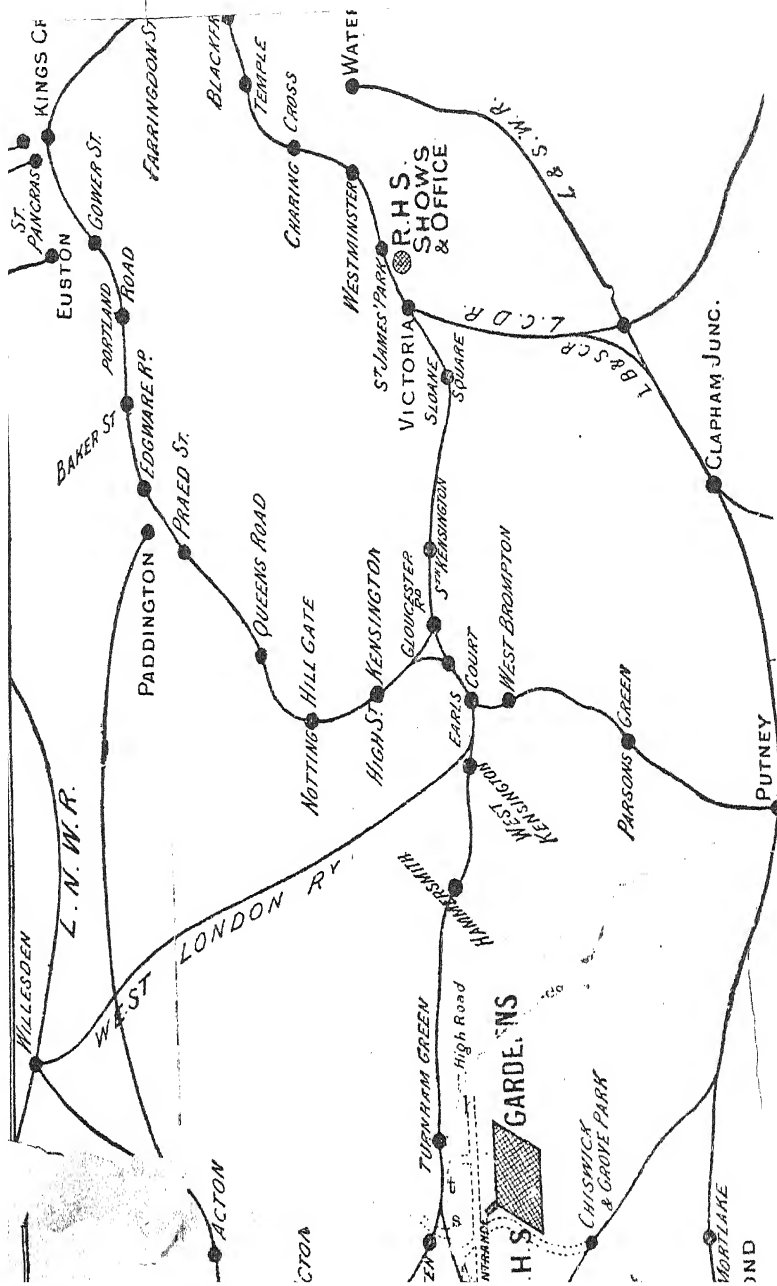
From R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

JUDGING RULES.

These Rules, which are known as the "R. H. S. 1899 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors," have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of all Horticultural Societies.

PRICE, POST FREE, 1s. 6d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.



D I R E C T I O N S
TO
FELLOWS OF THE SOCIETY AND OTHERS
WISHING TO VISIT THE
SOCIETY'S GARDENS AT CHISWICK
(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by the Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. *Omnibuses and Tram Cars*.—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS, CHISWICK.

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnersbury and Turnham Green Railway Stations).*

On showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket ; or by payment of, on ordinary days, Sixpence, on Show days, One Shilling, or such other payment as the Council may from time to time appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset. On Sundays and Public Holidays the Gardens are closed.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS, CHISWICK.

The Society admits a limited number of young men to study Gardening in their Gardens at Chiswick. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students at Chiswick are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, 117, Victoria Street, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission to Chiswick Gardens is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Chiswick, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Assistant-Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1894.
F. S. HARRIS, 1894.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIENT, 1896.
A. THEAKSTONE, 1896.
E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.

A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
F. COLE, 1898.
H. P. GHAISTER, 1898.
P. BRUANT, 1898.
Y. CREEVES, 1899.
J. ETHERINGTON, 1899.
F. G. STORRS, 1899.
G. PYMAN, 1899.
A. G. MACWHITER, 1899.
H. A. BURDETT, 1899.
E. RODIGAS, 1899.
A. M. HORDER, 1899.
H. C. CHAPPELOW, 1899.
E. M. BEAR, 1899.

EXAMINATION IN HORTICULTURE, 1900.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 25th, 1900.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad : their Nature and Composition : Weeds and their eradication.
- (2) Requirements of Growth—Water, Heat, Air.
- (3) Seeds : Nature of, Duration of Vitality in, and Modes of Germination.
- (4) Roots : Nature and functions of ; Fibrils and Root-Hairs ; what they do, and how they do it—what Helps and what Hinders them.
- (5) Stems and Branches : their Nature, Work, and uses ; Helps and Hindrances to their work.
- (6) Leaves : what they are, what they do ; Helps and Hindrances to their work.
- (7) Tubers and Bulbs, Leaf-Buds and Flower Buds.
- (8) Growth and development : increase in size and changes of Composition and Structure ; Formation and Storage of Food Materials.
- (9) Flowers : their Component Parts ; what they do ; Artificial Fertilisation.
- (10) Fruit : Changes and Development during ripening ; Forms and Varieties, as, *e.g.*, Apple, Strawberry, Plum, &c.
- (11) Seed : Formation of.
- (12) Variation and Selection.
- (13) Names and Orders of common Garden-Plants, Trees, &c., &c.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening : Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods : Digging and Trenching ; Draining ; Hoeing, Stirring the Soil, and Weeding ; Watering ; Preparation of Seed Beds ; Rolling and Raking, Sowing, Transplanting and thinning ; Potting, Planting : Aspects, Positions and Shelter ; Staking ; Earthing and Blanching, &c.

- (5) Propagation. Elementary principles: Cuttings, Budding and Grafting, Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works: "Primer of Botany," by Sir J. D. Hooker, K.C.S.I., (MacMillan & Co., 30, Bedford Street, W.C.) 1/-; "Elementary Botany," by J. W. Oliver, (Blackie & Sons, 50, Old Bailey, E.C.) 2/-; "Structural Botany," (Flowering Plants) by Dr. D. H. Scott, (A. & C. Black, Soho Square, W.C.) 3/6; "Plant Life," by Dr. M. T. Masters, F.R.S., (Vinton & Co., 9 New Bridge Street, E.C.) 2/6; "Plant Breeding," by L. H. Bailey, (MacMillan & Co.) 4/-; "Elements of Agriculture," by W. Fream, LL.D., (J. Murray, Albemarle Street, W.) 3/6; "Primer of Horticulture," by J. Wright, V.M.H., (MacMillan & Co.) 1/-; "Physiology of Plants," by Dr. Paul Sorauer, (Longmans, Green & Co., 39, Paternoster Row, E.C.) 9/-; "Chemistry of the Garden," by H. Cousins, (MacMillan & Co.) 1/-; "Diseases of Plants," by H. Marshall Ward, (S.P.C.K., Northumberland Avenue, W.C.) 2/6; "Profitable Fruit Growing," by J. Wright, V.M.H., (Journal of Horticulture, 12, Mitre Court Chambers, E.C.) 1/3; "Art of Budding and Grafting," by C. Baltet, (Crossby Lockwood, Stationer's Hall Court, E.C.) 2/6; "Pruning," by L. H. Bailey, (MacMillan & Co.) 5/-; "Natural History of Plants," 2 Vols. by Kerner & Oliver, (Blackie & Son) 50/-.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is 2½ hours, the hour fixed being generally from 7 to 9.30.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticultural Operations and Practice." It will, therefore, in all cases,

be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 200 Marks and over will be placed in the FIRST CLASS. Those gaining 150 to 200 will be placed in the SECOND CLASS, and those gaining between 100 and 150 will be placed in the THIRD CLASS. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at **least ten days** before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give the information asked for on the enclosed coloured form.

12. A small capitation fee of 3s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. N.B.—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

SCHOLARSHIPS.

SIR TREVOR LAWRENCE, Bart., President of the Society, and Master of the Worshipful Company of Gardeners, very kindly offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society in 1894, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

A similar Scholarship was presented by Baron SCHRÖDER V.M.H., after the 1895 examination.

The Worshipful Company of Gardeners continued this Scholarship to the end of 1896.

Another similar Scholarship was given after the 1897 examination by N. N. SHERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners.

Another was given for 1898-9 by G. W. BURROWS, Esq., a member of the Court of the same Worshipful Company of Gardeners.

Another was presented for 1899-1900 by the Right Hon. the LORD AMHERST, who presents it also through the Gardeners' Company.

And yet another for 1900 by HENRY WOOD, Esq., which will be continued in 1901 by F. G. IVRY, Esq., both gentlemen being Members of the Court of the Worshipful Company.

If the student who is at the head of the examination is for any reason unable or unwilling to accept the Scholarship it is then offered to the next highest on the list, and so on throughout the First Class.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bond fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bond fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples, are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made.

| | | |
|-----|---|---------|
| No. | | |
| 1. | —An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2. | —An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3. | —An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4. | —An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5. | —An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6. | —An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7. | —Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8. | —An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. from 10s. to £1 | |
| 9. | —An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10. | —Partial analysis of a soil, including determinations of clay, sand organic matter, and carbonate of lime | 10s. |
| 11. | —Complete analysis of a soil | £3 |
| 12. | —Analysis of any vegetable product | 10s. |
| 13. | —Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14. | —Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15. | —Analysis of water used for domestic purposes | £1 10s. |
| 16. | —Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analysis must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c., (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

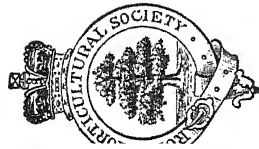
In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars :—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed opposite and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 29 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, &C.

Address

To

Date

Please supply me for delivery

Tons Cwt. of

At per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, etc., to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertilizer not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 25.

ROYAL HORTICULTURAL SOCIETY'S "JOURNAL"

VOL. XVIII. SECOND EDITION.

May still be obtained from the R.H.S., 117 Victoria Street, London, S.W.

THIS VOLUME CONTAINS

A Complete Report of the Conference on British Grown Fruit,

HELD BY THE SOCIETY AT THE CRYSTAL PALACE IN 1894,

AND INCLUDES VALUABLE PAPERS ON

"Hardy Fruits for Small Gardens;" "How to Make a Fruit Room;" "Fruit Growing on a Large Scale;" "Grading, Packing and Marketing Fruit;" "Fruit Spraying;" &c., &c.

IN THE SAME VOLUME WILL ALSO BE FOUND

A COMPLETE REPORT OF THE TREE CONFERENCE,

HELD AT CHISWICK IN SEPTEMBER, 1894.

Containing Papers on "The Larch Canker;" "The Utilisation of Waste Land;" "Forest Trees for Commercial Purposes;" "The Management of Plantations;" "The Woods of Kent," &c.

Price (Post-free) of the combined Reports:—To Fellows of the R.H.S. and bona-fide Gardeners, 2s. 6d.; To Non-Fellows, 5s.

“JOURNAL”

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall).

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

~~~~~

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 90 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

~~~~~

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., 1866, part 1, 82 pages. M. Naudin on Hybridism; Hypocaust Heating; Truffles; Variegated Plants of the 17th Century; Parasitic Fungus and spot in Orchids; Varieties of Amaryllis; Soil and Climate in relation to Fruit Tree culture; Variability in the Pear Tree; Floral Organogeny of the Pear Tree; Vineyard culture in France; Observations on Hybridization, &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

Vol. I., part 2, 1866, 62 pages. Notes on *Adiantum Farleyense* ; Pear Tree Fungus ; Lifting Fruit Trees ; *Podophyllum Emodi* ; on Judging New Plants ; the Nutritive Constituents of Water, &c., &c. To Fellows, 1s. 6d. ; non-Fellows, 2s. 6d.

Vol. I., part 3, 1866, 64 pages. Nutritive Constituents of Water ; The Rev. M. J. Berkeley, M.A., F.L.S., on a supposed Hybrid Fern ; Hints on Hybridizing Fruits ; Note on Border Heating ; The Cultivation of *Amherstia nobilis* ; Peaches and Nectarines at Chatsworth ; Disease in Celery ; Species of *Cratægus* and *Pyrus* as Ornamental Plants ; Horticulture in Hungary. To Fellows, 1s. 6d. ; non-Fellows, 2s. 6d.

Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles ; Breslau Botanic Garden ; Experiments in Temperature ; *Asplenium ebenoides* ; Imperfect Fungus producing Disease in Orchids ; Branch Orchid Pots ; A curious case of Lateral Fusion ; *Dieffenbachia Weirii* and *Zomicarpa Pythoria* ; Double Flowers of *Primula sinensis* ; Title and Contents to Vol. I. To Fellows, 1s. 6d. ; non-Fellows, 2s. 6d.

Vol. II., part 1, 1868, 64 pages. G. Gasparini on the Ripening of Figs ; Terrestrial Orchids ; Forcing Lilies of the Valley ; Forms of Canker, by the late Rev. M. J. Berkeley, M.A., F.L.S., &c. To Fellows, 1s. 6d. ; non-Fellows, 2s. 6d.

Vol. II., part 2, 1869, 62 pages. Forms of Canker (*contd.*) ; Cultivation of the Mangrove ; Report on the adulteration of Seeds ; "Red Rust," and "Take-all," affecting Wheat, &c. ; Pruning Forest Trees. To Fellows, 1s. 6d. ; non-Fellows, 2s. 6d.

Vol. II. part 3, 1870, 122 pages. Observations on the Kumquat, by R. Fortune ; M. Decaisne on the Paradise Apple ; Notes as to the Locality and Culture of Tobacco, by the Right Hon. G. J. Goschen ; Cultivation of Vanilla in Mauritius ; Effects of Frost at Melbourne, by Baron Mueller ; The Esculent Fungi of America ; The Habits and Culture of the Aloe ; On the Leaf Coloration and Flower production of Variegated Zonal and other Pelargoniums ; Experiments in Potato Grafting ; Bedding Plants (Pelargoniums, Fuchsias, Petunias, Lobelias, Verbenas, &c.). To Fellows, 2s. ; non-Fellows, 4s.

- Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. III., parts 11 and 12, 1873, 200 pages. Varieties of Maize; Imperfect Hybridity; Mimetic Analogy; Grafting and Budding: The Loranthaceæ of Angola, by Dr. Welwitsch; The Fruiting of Seedling Fruit Trees; The influence of manures on Plants; The influence of Foreign Pollen on Fruit produced; Sericiculture in Canterbury, New Zealand; Report on 12 kinds of Kale, by Dr. Hogg; Reports on Pentstemons, Fuchsias, Pelargoniums, Phloxes, Peas and Marrows grown at Chiswick in 1872. To Fellows, 2s.; non-Fellows, 4s.
- Vol. V., 1877-79, parts 4, 5, and 6, 168 pages. Report on Tomatos, Asters, Turnips, Filberts, Savoys; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; Native Country of the Potato; the Nomenclature of Garden Plants; Disease in the Ash; the Genus Tulipa; Title and Contents to Vol. V. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. VI., 1880, 168 pages. Proceedings of the Society. To Fellows, 1s.; non-Fellows, 2s.
- Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, etc. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations Peaches, Nectarines, Conifers, etc. To Fellows, 2s.; non-Fellows, 5s.

- Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference** : Papers on Asparagus, Winter Salads, Peas, Potatoes, &c.; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c.; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferæ, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d.; Non-Fellows, 15s. 6d.
- Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c.; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XV., parts 2 and 3, January, 1893, 400 pages. Contains a Report of the **Begonia Conference** and all the papers read thereat; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia,

Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. Contains papers on the effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants and their treatment; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVI., parts 2 and 3, January, 1894, 222 pages. Contains papers on Alpine Houses and Alpine Plants; Cannas, by J. G. Baker, F.R.S.; Phloxes and Pentstemons; causes of Failure in Eucharis Culture; Pears; Onions; Chrysanthemums; Late-keeping Grapes; Reports of the Fruit, Floral, and Orchid Committees from July to December, 1893; and of the Trials of Onions, Celery, Endive, Potatos, Phloxes, Irises, Cannas, &c., at Chiswick. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs with papers on the "Larch Disease;" "Forest Trees for Commercial Purposes;" "The Utilization of Waste Ground unsuitable for Agriculture;" "The General Management of Woods"—**Conference on British Grown Fruit**; papers on "Fruit Growing, in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 1, August, 1895, 209 pages. Seedling Narcissi; Tomato Disease in Guernsey; Sleeping Disease of Tomatos; Lifting large Trees; Campanulas; **Primula Conference**; Plants and Gardens of the Canary Isles; Culture of Roses under Glass, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 2, November, 1895, 202 pages. Fruit Culture in France; Manures and their Uses; Introduction of Potatoes into England; **Crystal Palace Fruit Show, 1895**; New Fruits of Recent Years; Pruning Fruit Trees; **Prize Essays** on the "Commercial Aspect of Hardy Fruit Growing," &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatoes; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatoes, Potatoes, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show, Report**. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatoes, Beetroot, Potatoes, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy Summer Flowers; Chrysanthemums; Seed-Growing, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums;

- Nepenthes; Cyclamen: Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.
- Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California; Orchids in Guiana; Professor Henslow on Plants; Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Horticultural Examination; Apples and Pears for Flavour. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; French Beans; Onions; Tomatos. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXIII., part 1, July, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Professor Henslow on Plants; Asparagus; Alpine Floras of Britain and Switzerland; Onions; Examination in Horticulture.
- Vol. XXIII., part 2, November, 1899, 190 pages. Light and Heat; Rock Gardens and Streams and Plants for them; Movements of Plants; Fertilisation by Insects, &c.; Dispersal of seeds; Pruning; Drought of 1898; Plant Manures; Fruit Stations; open air Vines; Dahlias.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POË, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (PHILIP CROWLEY, Esq., F.L.S.).

THIS magnificent Horticultural Library consists of about 4,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and it was issued last year. About £130 has so far been subscribed towards the cost of producing it, but this does not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees. *See* p. 15.

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue, will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained; *see* p. 15.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, p. 54, *et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society, for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1900-1901.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale.

VICE-CHAIRMAN.

FOSTER, Sir M., K.C.B., V.M.H., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.
THISELTON-DYER, Sir W. T., K.C.M.G., F.R.S., Royal Gardens, Kew.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., V.M.H., F.L.S., 80, Holland Park, W.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BALFOUR, Prof. I. B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.

BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.

BROWN, Dr. HORACE, F.R.S.,

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.

DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

ELWES, H. J., F.L.S., V.M.H., Colesborne, Andoversford, Glos.

ENGLEHEART, Rev. G. H., M.A., Appleshaw, Andover.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FRANKLAND, E., F.R.S., The Yews, Reigate Hill, Reigate.

GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.

IM THURN, E. F., 23, Edwardes Square, Kensington.

LINDSAY, R., Botanic Gardens, Edinburgh.

LLEWELYN, Sir J. T. D., Bart., F.L.S., Penllergaer, Swansea.

LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.

MAWLEY, ED., Rosebank, Berkhamsted.

MAXWELL, W. H., Munches, Dalbeattie, N.B.

McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.

MICHAEL, A. D., F.L.S., Cadogan Mansions No. 9, Sloane Sq., S.W.

MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural

Department for the West Indies, Barbados.

MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.

OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.

PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.

RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.

SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace, Richmond, S.W.

SUTTON, A. W., V.M.H., F.L.S., Reading.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.

WILSON, GEO. F., F.R.S., V.M.H., Heatherbank, Weybridge Heath

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1900-1901.

CHAIRMAN.

CROWLEY, PHILIP, F.L.S., Waddon House, Croydon.

VICE-CHAIRMEN.

BALDERSON, H., Corner Hall, Hemel Hempstead.

BUNYARD, GEO., V.M.H., The Royal Nurseries, Maidstone.

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

BARRON, A. F., V.M.H., 13, Sutton Court Road, Chiswick, W.

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., Poulett Lodge Gardens, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

CHEAL, JOSEPH, Lowfield Nurseries, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DIAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

EMPSON, W. J., Amptill House Gardens, Amptill, Beds.

ESLING, H., Hillview, Croft Road, Carshalton.

FARR, W., Spring Grove House Gardens, Isleworth.

GLEESON, W., Warren House Gardens, Stanmore.

HERRIN, C., Dropmore Gardens, Maidenhead.

IGGULDEN, W., North View, Frome, Somerset.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., The Nurseries, Berkhamsted.

LEES, W. H., Trent Park Gardens, New Barnet.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

McINDOE, JAMES, V.M.H., Hutton Hall Gardens, Guisborough.

MILES, G. T., Wycomb Abbey, High Wycomb.

MORTIMER, S., Rowledge, Farnham, Surrey.

NORMAN, G., Hatfield House Gardens, Hatfield.

PARKER, R., Goodwood Gardens, Chichester.

PEARSON, A. H., The Gables, Pelham Road, Sherwood Rise, Nottingham.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton.

RIVERS, H. SOMERS, Sawbridgeworth.

SHAW-BLAKER, DR. E., The Cedars, East Grinstead.

SMITH, JAMES, V.M.H. The Gardens, Mentmore, Leighton Buzzard.

VEITCH, J. H., King's Road, Chelsea.

VEITCH, P. C. M., The Royal Nurseries, Exeter.

WILKS, REV. W., M.A., Shirley Vicarage, Croydon.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court, Teston, Maidstone.

WRIGHT, JOHN, V.M.H., 8, Rose Hill Road, Wandsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

FLORAL COMMITTEE, 1900-1901.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMEN.

FRASER, JOHN, V.M.H., The Nurseries, South Woodford.

PAUL, GEORGE, V.M.H., The Old Nurseries, Cheshunt.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTBUSH, H. J., The Nurseries, Highgate, N.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

FIFE, ROBERT, Dobbie's Nurseries, Orpington, Kent.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, 4, Willow Cottages, Kew.

GORDON, G., V.M.H., Endesleigh, Priory Park, Kew.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal.

JEFFRIES, C., Boston House Gardens, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

LAING, J., V.M.H., Stanstead Park, Forest Hill, S.E.

LOWE, R. B., Ashridge Gardens, Berkhamsted.

McLEOD, J., Dover House Gardens, Roehampton.

MAY, H. B., Dyson's Lane, Upper Edmonton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Park Gardens, Bishop's Waltham.

NICHOLSON, G., V.M.H., Royal Gardens, Kew.

PAWLE, J. D., 12, Stanley Gardens, Willesden Green, N.W.

PEARSON, C. E., Chilwell, Nottingham.

REUTHE, G., Hale Farm Nurseries, Tottenham.

SALTER, C. J., Woodhatch Gardens, Reigate.

SANDERS, T. W., 124 Embleton Road, Lewisham.

SELFE-LEONARD, H., Hitherbury, Guildford.

THOMAS, OWEN, V.M.H., Royal Gardens, Windsor.

TURNER, H., V.M.H., Royal Nurseries, Slough.

WALKER, J., Ham Common, Surrey.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

ORCHID COMMITTEE, 1900-1901.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., Royal Exotic Nursery, Chelsea, S.W.

VICE-CHAIRMEN.

FOWLER, J. GURNEY, Glebeland, Woodford.

LAWRENCE, Sir TREVOR, Bart., 57, Princes Gate, S.W.

SCHRÖDER, Baron, V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALFOUR, Prof. BAYLEY, V.M.H., Edinburgh.

BALLANTINE, H., The Dell Gardens, Staines.

BOND, T. W., Elstead House Gardens, Godalming.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell, S.E.

COLMAN, J., Gatton Park, Surrey.

COBB, W., Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, Edenside, Great Bookham.

GABRIEL, J. T., 32, Palace Road, Streatham Hill.

HAY, W. H., Oakley Park, Eye, Suffolk.

HILL, E., Tring Park Gardens, Tring.

HISLOP, A., Bletchley Park Gardens, Bletchley.

JAQUES, J., Waddesdon Manor Gardens, Aylesbury.

LATHAM, W. B., Botanic Gardens, Edgbaston, Birmingham.

LAW-SCHOFIELD, G. W., New Hall Hey, Rawtenstall, Manchester.

LEEMANN, J., West Bank House, Heaton Mersey.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

LUCAS, C. J., Warnham Court, Horsham.

MOORE, F. W., V.M.H., Glasnevin, Dublin.

PITT, H. T., Rosslyn, Stamford Hill.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Park Hill Road, Croydon.

ROCHFORD, THOMAS, Turnford Hall Nurseries, Broxbourne.

SANDER, F., V.M.H., St. Albans.

SMEE, A. H., The Grange, Hackbridge, Surrey.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

TRACY, H. A., Amyand Park Road, Twickenham.

WATSON, W., Royal Gardens, Kew.

WHITE, W. H., Burford Lodge Gardens, Dorking.

WINN, C., The Uplands, Selly Hill, near Birmingham.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.--Nine Members form a quorum. Members of Council are
Members of all the Committees,

NARCISSUS COMMITTEE, 1900-1901.

(Established 1885.)

CHAIRMAN.

BENNETT-POE, JOHN T., 29, Ashley Place, S.W.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

DOD, REV. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

ENGLEHEART, REV. GEORGE H., Appleshaw, Andover.

HON. SECRETARY.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.

BARR, R., 12, King Street, Covent Garden, W.C.

BOSCAWEN, Hon. J., Tregye, Perranwell.

BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CAMMELL, M., Loxwood House, Billingshurst, Sussex.

COWAN, C. W., Valleyfield, Penicuik, Midlothian.

FOSTER, Sir Michael, K.C.B., V.M.H., Sec. R.S., Shelford, Cambridge.

DE GRAAFF, S. A., Leyden, Holland.

GOLDRING, W., 34, Gloucester Road, Kew,

KINGSMILL, A., The Holt, Harrow Weald, Stanmore.

KRELAGE, J. H. Haarlem, Holland.

LEICHTLIN, MAX, Baden-Baden.

MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.

MARSH, Rev. T. H., Cawston Rectory, Norfolk.

MILNE READHEAD, R., Holden Clough, Bolton-by-Bowland, Clitheroe.

MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.

PEARSON, DUNCAN, Lowdham, Notts.

POPE, J., The Ericas, King's Norton.

POUPART, W., Marsh Farm, Twickenham.

REUTHE, G. Hale Farm Nurseries, Tottenham.

SMITH, J. A. DORIEN, Tresco Abbey, Scilly.

SYDENHAM, R., 190, Bristol Road, Birmingham.

TITHERADGE, G. T., 10, Cavendish Road, St. John's Wood, N.W.

WALKER, JAMES, Ham Common, Surrey.

WARE, WALTER T., Inglescombe Nurseries, near Bath.

WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.

WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

NOTE.—Members of the Council are Members of all the Committees.

The NARCISSUS COMMITTEE will meet at the DRILL HALL, James Street, Victoria Street, Westminster, on the following dates, at 12 o'clock, noon, viz., March 13th, 27th, April 10th and 24th, 1900.

REGULATIONS
FOR THE
FRUIT, FLORAL, & ORCHID COMMITTEES,
AND FOR INTENDING EXHIBITORS,
1900-1901.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 33), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 53, *et seq.*; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except, *see* Rule 14, page 51.)

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—see Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., James Street, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 73). If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing* :—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are invited to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less* than six must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

Cut Flowers *sent up for First Class Certificate or Award of Merit* must not be "dressed," but should be shown as cut from the plants without any artificial support (such as wiring, cups, collars) which materially alters the character of the flower. This rule applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers; and the non-observance of it will *ipso facto* disqualify the flowers from the possibility of any Certificate.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Two general forms of award will be made by the Council, viz. :—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made to very superior seedlings or novelties, or to recently introduced, re-introduced, or very rare objects, or to highly decorative plants, according to their merits. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

14. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, etc., so distinguished, at the next (or nearest possible,) General Meeting of the Society at Westminster or elsewhere, in order that they may if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

15. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

16. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

17. No Award will be made to Potatoes, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

18. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

FRUITS FOR COTTAGERS, FARMERS, AND OWNERS OF SMALL GARDENS.

New Edition, 1900.

Price, Post Free, Single Copy, 2d.; 25, 2/-; 50, 3/-; 100, 4/-.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture," may also be obtained from the Society's Office, 117, Victoria St., S.W. Price to Fellows, 1s. 6d.; non-Fellows, 3s.

THE SHERWOOD SILVER CUP.

Founded 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree—Gardener Mr. E. Beckett.

In 1900 it is offered for Fruit at the Society's Great Show at the Crystal Palace on September 27th, 28th, 29th. Particulars of the competition will be found in the special Schedule for the Show published in April.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, 117, Victoria Street, on or before Saturday, September 22nd.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1900—1901.

Fruit, Floral, and Orchid Meetings will be held in the **Drill Hall, James Street, Victoria Street, Westminster** (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 23rd, 24th and 25th, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 65); on July 10th at Chiswick, and June 27th at Richmond, (*see* page 67); on September 27th, 28th and 29th, at the Crystal Palace (*see* p. 71), but on all other dates at the Drill Hall, James Street, Victoria Street, Westminster.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Vegetables, Plants, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. See page 49, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit **NEW, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c.**, as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The "Rules for the Temple Show" page 63, unless inapplicable, are in force at the Drill Hall also.

The Regulations to be observed by Competitors for the Prizes will be found on page 74.

TUESDAY, JANUARY 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. General Meeting for election of Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "The Neglect of
 Flowering Shrubs in our Gardens," by Mr. George
 Bunyard, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at 117, Victoria Street, for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street.

TUESDAY, FEBRUARY 27th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "**Some of the Plants exhibited,**" by the Rev. Professor George Henslow, M.A. V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, MARCH 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The Evolution of Plants, illustrated by various Garden Strains coming true from Seed," by Mr. R. Irwin Lynch.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 27th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*
3. Group of Daffodil Blossoms (Polyanthus varieties excluded) ; must include some of each section, Magni-, Medii-, and Parvi-Coronati ; must contain at least 50 varieties distinct, of 30 of which at least three blooms each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are two Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Cup, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Some of the Plants exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 24th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "The Cultivation of the Narcissus," by the Rev. S. Eugene Bourne, M.A.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.

- V. Auricula, Premier, selected from the whole Exhibition.....10s.
- W. A Basket of Primrose and Polyanthus plants arranged for effect,
20s.—15s.—10s.
- X. Group of any species or varieties of Primula or Auricula, in
box or basket, not to exceed 12 superficial feet. Tasteful
arrangement to be considered20s.—15s.—10s.
- Y. Prizes of 10s. and 7s. 6d. will be awarded (if worthy) to Seedlings
in Auriculas—green edged, grey edged, white edged, and selfs.
- Z. Alpines, gold centres6s.—4s.
Alpines, white or creamy centres6s.—4s.
- AA. For those who have never won a Prize.
6 Show Auriculas, dissimilar. 15s.—10s.—7s. 6d.—5s.—2s. 6d.
- BB. For those who have never won a Prize.
6 Alpine Auriculas, dissimilar. 12s.—9s.—6s.—4s.—2s. 6d.
- CC. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.
- DD. 3 Polyanthus, dissimilar, gold laced7s. 6d.—5s.—3s.—2s. 6d.
- EE. Polyanthus, single specimen.....4s.—3s.—2s.—1s.

TUESDAY, MAY 8th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *Open*Certificates.
2. New or Rare Fruits and Vegetables. *Open*Certificates.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Is there any Natural
limit to the Improvement of Cultivated Plants?"
by W. Bateson, Esq. M.A., F.R.S.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

PRIZE ESSAYS.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture" may be obtained from the Society's Office, 117, Victoria St., S.W. Price to Fellows, 1s. 6d. ; non-Fellows, 3s.

WEDNESDAY, THURSDAY, and FRIDAY,

May 23rd, 24th and 25th, 1900,

GREAT FLOWER SHOW

WILL BE HELD IN THE

INNER TEMPLE GARDENS.

THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, WEDNESDAY, MAY 23RD.

- 10.30 a.m. Judging commences.
- 11 a.m. Fruit, Floral and Orchid Committees assemble.
- 12 noon. Council Meeting.
- 12.30 Exhibition opens to Fellows.

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF

SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

N.B.—Exhibitors are particularly requested **not** to write for space before the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after April 2nd. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

Division I.—GROUPS OF FLOWERING AND DECORATIVE PLANTS.

| Class | Class |
|----------------------|-----------------------------|
| 1 Amaryllis. | 17 Dieffenbachia. |
| 2 Anthuriums. | 18 Dracœnas. |
| 3 Arisœmas. | 19 Ferns. |
| 4 Azaleas. | 20 Gloxinias. |
| 5 Begonias (single). | 21 Hardy Herbaceous Plants. |
| 6 „ (double). | 22 Leschenaultias. |
| 7 Cactaceous Plants. | 23 Marantas. |
| 8 Caladiums. | 24 Orchids. |
| 9 Calatheas. | 25 Palms. |
| 10 Calceolarias. | 26 Pelargoniums. |
| 11 Cannas. | 27 Petunias. |
| 12 Carnations. | 28 Rhododendrons. |
| 13 Clematis. | 29 Roses. |
| 14 Clivias. | 30 Streptocarpus. |
| 15 Crotons. | 31 Miscellaneous Plants. |
| 16 Cycads. | |

Division II.—COLLECTIONS OF CUT FLOWERS.

N.B.—To prevent undue appropriation of space, only one bunch of each distinct variety will be allowed in any Exhibitor's collection in Division II.

| Class | Class |
|----------------------|-------------------|
| 32 Carnations. | 37 Pœonies. |
| 33 Hardy Perennials. | 38 Roses. |
| 34 Irises. | 39 Tulips. |
| 35 Lilies. | 40 Miscellaneous. |
| 36 Pyrethrums. | |

Division III.—COLLECTIONS OF FRUITS AND VEGETABLES.

| Class | Class |
|--|---|
| 41 Apples. | 49 Peaches (fruit trees, in pots or otherwise). |
| 42 Asparagus. | 50 Peas. |
| 43 Beans. | 51 Pine Apples. |
| 44 Cherries (fruit trees, in pots or otherwise). | 52 Potatos. |
| 45 Cucumbers. | 53 Radishes. |
| 46 Melons. | 54 Rhubarb. |
| 47 Mushrooms. | 55 Strawberries. |
| 48 Nectarines (fruit trees, in pots or otherwise). | 56 Tomatos. |
| | 57 Miscellaneous. |

N.B.—The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to omit all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

RULES, &c. FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii) fill it with very ordinary or inferior plants and flowers, &c.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sqr. ft. each—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sqr. ft. each—Begonias, Orchids, Ferns and Hardy Cut Flowers.
[N.B.—Duplicate Bunches of Cut Flowers are prohibited.]

200 sqr. ft. each—Clematis, and Show and Fancy Pelargoniums.

300 sqr. ft. each—Foliage plants, Palms, and others of a similar character.

400 sqr. ft. each—Caladiums, Pot Roses and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

5.—Plants and produce exhibited to shew the effect of different Manures and Soils will be placed outside the tents.

6.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

7.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded flowers.

8.—All Fruits and Vegetables, when gathered, must be shewn in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular.

9.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

10.—The name cards of the plants &c. should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 11.

11.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred.

12.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

13.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

14.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on *both* sides. No other covering material will be allowed.

15.—No coloured paper or ribbons may be used for decoration.

16.—Exhibits must not be removed until half-an-hour after the closing of the Show.

17.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 8th day before the Show, *i.e.* on Tuesday, May 15th, 1900. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS.

At the Temple Show, 1900.

—:O:—

Exhibitors must post the notice of their intention to exhibit to *The Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 8th day before the Show, i.e. on Tuesday, May 15th.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's tent** at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets must be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 22nd or the morning of the Show up to 9 o'clock, at which hour the gates will be closed, and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on May 25th, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Friday, May 18th.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, James Street, S.W., and at Chiswick and the Crystal Palace; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, May 15th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the **TEMPLE SHOW CATALOGUE 1900** may be booked at once to secure a good position.

Advertisement Office.—Royal Horticultural Society, 117 Victoria Street, London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1900.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else).

(b) The Public, by purchased Tickets:—On Wednesday, May 23rd, from 12.30 to 5 p.m., 7s. 6d.; from 5 p.m. to 7 p.m., 5s. On Thursday, from 10 a.m. to 7 p.m., 2s. 6d. On Friday, from 10 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Thursday. These tickets *can only be obtained* on or before May 21st from the Society's Office, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE, 5th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants
 exhibited" by the Rev. Professor George Henslow,
 M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JUNE 19th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "Aquatic Plants,"
 by Professor Boulger.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

FRUITS FOR COTTAGERS, FARMERS,

AND

OWNERS OF SMALL GARDENS.

New Edition, 1900.

Price, Post Free, Single Copy, 2d. ; 25, 2/- ; 50, 3/- ; 100, 4/-.

WEDNESDAY, JUNE 27th, (At Richmond).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS, &c.

11.30 a.m. Fruit, Floral and Orchid Committees meet.

12.30 p.m. Council Meeting.

1.0 p.m. Fellows admitted on shewing their R. H. S. tickets.

1.30 p.m. Luncheon—*see below.*

Single Plants for Certificate must be entered with the R. H. S. Secretary on the day of the Show on the Ground *before* 10.45 a.m. Single plants may be removed at 8 p.m. on June 27th if considered necessary.

Groups:—The R. H. S. will give Medals to groups entered with them in the same way as at Westminster. In order to secure sufficient Tent space exhibitors intending to stage groups would greatly assist the Local Committee by giving notice to the Sec. R. H. S. as early as March 1st, with an idea of the space that will be required. Groups may be entered as late as June 16th, but their acceptance will be subject to there being space unapplied for previously. The Plants must be on the Ground by 9.30 a.m. and the staging must be completed by 10.30 a.m. All groups must be left for the 2nd day of the show and may not be removed till 7 p.m. on Thursday 28th.

Luncheon:—A united Luncheon has been arranged for the Council and Committees of the R. H. S. and the Local Committee and Judges. It will be held on the Ground at 1.30 p.m. Invitations will be issued to the Fruit, Floral, and Orchid Committees in due course.

Railway Communication with Richmond.

| | | |
|--------------------------------|--|--|
| L. & S. W. R., Waterloo .. | { Book from Waterloo or any Station on the Thames Val- ley line direct to Richmond } | Frequent Trains. |
| G. E. R., Liverpool Street .. | { Book from Broad Street } | Hourly Service. |
| N. L. R., Broad Street .. | { N. L. R. direct to Richmond } | |
| L. & N. W. R., Euston .. | Book from Gower St. Mt. Ry. | Frequent Trains. |
| Do. Willesden Junc. | Book direct by N. L. R. | Hourly Service. |
| G. W. R. Paddington .. | { Book from Bishop's Road, Metropolitan Railway. } | Frequent Trains. |
| Do. Westbourne Park .. | { Book direct by Met. Rly. } | |
| G. C. R., Marylebone .. | { Book from Edgware Rd, or Baker St. by Met. Rly. } | Frequent Trains. |
| S. E. R., Waterloo Junction .. | { Book from Waterloo L. & S. W. Ry. } | |
| L. C. & D. R., Victoria .. | { Book from Victoria, Dis. Ry } | Half-hourly Service. Except between 10 and 1, then Hourly. |
| Do. St. Paul's .. | { do. Blackfriars, do. } | |
| G. N. R., King's Cross .. | { Book from King's Cross, } | Frequent Trains. |
| Midland Railway, St. Pancras | { Metropolitan Railway } | |

The only Entrance to the Show Ground is on Richmond Green, a few minutes walk from the Railway Stations.

Intending Visitors and Exhibitors can obtain any further information about the above routes, by forwarding a request and enclosing a stamped addressed envelope for reply to—

C. R. KING, Esq., 61 & 62, George Street, Richmond, Surrey.

TUESDAY, JULY 3rd (Drill Hall).

CLASS.

- 1A. New or Rare Plants and Flowers. *Open*.....*Certificates*.
 2A. New or Rare Fruits and Vegetables. *Open*.....*Certificates*.

SPECIAL ROSE SHOW.

For Special Rules for Exhibitors, see R. H. S. 1899 Code of Rules for Judging, Section 118 et seq., and p. 76. Entries close on June 29th.

MIXED VARIETIES.

1. 24 Single trusses, distinct. *Open*.....First Prize, £3; Second, £2.
2. 18 Single trusses, distinct. *Amateurs*First Prize, £3; Second, £2.
3. 18 Single trusses, distinct. *Open*. ..First Prize, £2; Second, £1 10s.
4. 12 Single trusses, distinct. *Amateurs*First Prize, £2; Second, £1. (See note.)
5. 6 Single trusses, distinct. *Amateurs*First Prize, £1; Second, 15s. (See note.)
6. 9 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs*. First Prize, £1; Second, 15s.
7. 6 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs*. First Prize, 15s.; Second, 10s.

TEAS AND NOISETTES.

8. 18 Single trusses, not less than 12 varieties or more than 2 trusses of any one variety. *Amateurs* .. First Prize, £3; Second, £1 10s.
9. 18 Single trusses, distinct. *Open*.....First Prize, £2 10s.; Second, £1 10s.
10. 12 Single trusses, not less than 9 varieties or more than 2 trusses of any one variety. *Amateurs*First Prize, £1 10s.; Second, £1.
11. 6 Single trusses, not less than 4 varieties. *Amateurs*...First Prize, £1; Second, 15s. (See note.)
12. 9 Single trusses of any one variety. *Amateurs* First Prize, £1; Second, 15s.
13. 6 Single trusses of any one variety. *Amateurs*First Prize, £1; Second, 15s.

GARDEN ROSES.

Exhibits to be staged in tubes, vases, boxes, or other receptacles: inside of tubes, &c., not to exceed 3 inches diameter at the top and all the stems to reach the water. Each variety in a separate receptacle. All Hybrid Perpetuals (except single-flowered varieties) excluded. All Teas and Noisettes and Hybrid Teas mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses also excluded. Moss, Provence, and other Summer-flowering Roses may be included.

14. 36 distinct varieties, not less than three trusses of each. *Open.* (*Space occupied by exhibit not to exceed 10-ft. by 3-ft.*)
First Prize, £3; Second, £2.
15. 18 distinct varieties, not less than three trusses of each. *Amateurs.*
(*Space occupied by exhibit not to exceed 6-ft. by 3-ft.*)
First Prize, £1 10s.; Second, £1.

N.B.—Exhibitors may only compete in one of the Classes 1, 3; or 2, 4, 5; or 6, 7; or 8, 10, 11; or 12, 13.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture in Drill Hall on "Bedding, Hedge, and Pillar Roses," by Mr. George Paul, V.M.H.
4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JULY 17th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open**Certificates.*
2. New or Rare Fruits and Vegetables. *Open**Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture in Drill Hall on "Lilies and rare Hardy Bulbs,"
by Mr. R. Wallace.
4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JULY 31st (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*
3. Collection of Cactaceous Plants. *Amateurs...Prize, Silver Flora Medal.*

For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Cherries and Plums in Pots,"
 by Mr. H. Somers Rivers.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Melons," by Mr. A. Pettigrew.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 28th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Montbretias and Cro-
 cosmias," by Monsieur Emile Lemoine.

TUESDAY, SEPTEMBER 11th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall, on "Garden Manures," by Mr. F. J. Baker.

TUESDAY, SEPTEMBER 25th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Saving and Using the Rain," by Mr. Peter Kay.

THURSDAY, FRIDAY and SATURDAY, SEPT. 27th, 28th, and 29th, 1900.

The Society will hold a **GREAT EXHIBITION** of
BRITISH-GROWN FRUITS at the **CRYSTAL PALACE**

A Special Schedule of Prizes will be published in April, 1900, provided that £100 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture on "Figs in Pots" by Mr. James Hudson, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, OCTOBER 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture illustrated by Limelight in Drill Hall on
 " Mistakes in Orchard Management," by
 Mr. John Ettle.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 6th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Insecticides, Spraying for
 Fungi, &c." by Mr. R. Newstead, F.E.S.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 20th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on " Mistakes in Fruit Culture,"
 by Mr. George Bunyard, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, DECEMBER 4th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on " The Heating and Ventilation
 of Glass Houses," by Mr. A. Donald Mackenzie.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, DECEMBER 18th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

1901.

TUESDAY, JANUARY 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture on "Recent developments in the treatment of Diseases and Insects injurious to Orchard Crops," by Professor Beach, U.S.A.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JANUARY 29th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE DRILL HALL.

| | | | |
|---------------|--------------|--------------|--------------|
| January 9th | } 4 o'clock. | November 6th | } 4 o'clock. |
| " 23rd | | " 20th | |
| February 13th | | December 4th | |
| " 27th | | " 18th | |
| March 13th | | January 15th | |
| October 23rd | | " 29th | |

All other days, at the Drill Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 55 et seq.

(For Special Regulations for Temple Show, see p. 63.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." See p. 15.

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, see p. 48.

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple Show, see p. 64.

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the bona fide property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula and the Rose Shows—see pp. 75, 76.

A Special Schedule will be issued in April for the Crystal Palace Fruit Show, September 27th, 28th, and 29th.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 24th, IN THE DRILL HALL.

(For List of Prizes See page 59.)

1. The prizes are open only to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.

2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.

3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.

4. The Plants must be in the Drill Hall, James Street, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.

5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.

6. Exhibitors in Classes A and B may not compete in Classes C and D, and in two only of Classes K, L, M. Those who compete in T cannot do so in U.

7. In addition to the legible naming required by the 5th Condition, Exhibitors in this Class are invited to give the native country of species.

8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bonâ fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.

10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS
AT THE
ROSE SHOW, JULY 3RD.

(See R.H.S. 1899 "Code of Rules for Judging, &c.")

I. Exhibitors must give notice in writing of the Classes in which they intend to exhibit, to the Secretary, R.H.S., 117, Victoria Street, S.W., on or before Friday, June 29th, 1900.

II. Exhibitors will receive on the morning of the Exhibition cards numbered in order to distinguish their exhibits. These cards must be placed on or in front of the stands, previous to their being examined by the Judges.

III. No boxes will be received after *Half-past Eleven o'clock*, and everything must be ready for the Judges by *Twelve o'clock*.

IV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

V. The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand:—

HYBRID PERPETUALS.

| | | |
|------------------------|------------------------|----------------------|
| { Charles Lefebvre | { Eugénie Verdier | { Grand Mogul |
| { Marguerite Brassac | { Marie Finger | { Jean Soupert |
| { Paul Jamain | | { La Rosière |
| { Comtesse de Choiseul | { Exposition de Brie | { Prince C. de Rohan |
| { Marie Rady | { Ferdinand de Lesseps | |
| { Duke of Wellington | { Maurice Bernardin | { Paul's Early Blush |
| { Rosieriste Jacobs | { Sir Garnet Wolseley | { Mrs. Harkness |

TEAS AND NOISETTES.

| | |
|--------------------|----------------------------|
| { Alba Rosea | { Souvenir de S. A. Prince |
| { Josephine Malton | { The Queen |
| { Madame Bravy | |
| { Madame de Sertot | |

The Climbing variety of any Rose cannot be shown in the same stand with it:—for instance, Climbing Devonensis cannot be shown in the same stand with Devonensis.

VI. All Roses exhibited in competition, must be from plants which have been grown by the Exhibitor for at least three months before the date of this Exhibition.

VII. All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. *Dressing Rose blooms so as to alter their character is prohibited; also the insertion of any additional foliage.*

VIII. The decision of the Judges shall be final, and they will have the power of withholding prizes should the exhibits be considered unworthy. The question of duplicates shall not be re-opened after the Judges have once given their award.

IX. Any Rose grower (whether a Fellow of the Royal Horticultural Society or not) may compete for the prizes mentioned on p. 68.

X. No person shall be allowed to compete as an Amateur who sells Rose Plants or Rose Blooms, nor any person in the employ of a Nurseryman.

XI. Hybrid Teas cannot be shown in the Classes set apart for Teas and Noisettes, but may be shown amongst H. P.'s or in mixed classes.

N.B.—Particular attention is requested to Regulation III., which will be rigidly enforced.

The Exhibition will be open free to Fellows of the Royal Horticultural Society at One o'clock; and to the Public on payment of One Shilling, at Two o'clock. The Exhibition will close at Five p.m., at which hour the boxes may be removed.

Boxes to be painted dark green; height 4 inches in front. The blooms to be shown on Green Moss or other suitable material.

Entries close on Friday, June 29th, 1900.

ESTABLISHED
A.D. 1804.



INCORPORATED
A.D. 1809.

THE

ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.



PATRON.

Her Most Gracious Majesty the Queen.

ARRANGEMENTS

FOR THE YEAR

→* 1901. *←

Telegrams: "HORTENSIA, LONDON."



LONDON:

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

BY

SMITH AND EBBES LIMITED, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.

THOMSON'S

Vine, Plant, & Vegetable Manure.

The result of many years' practical experience. So compounded as to combine stimulating with lasting effects.

None is Genuine that does not bear our Name on the Sacks.

AWARDED MEDALS AT EDINBURGH INTERNATIONAL EXHIBITION, 1886,
AND INTERNATIONAL SHOW, 1891.

This Manure is a safe and reliable **FOOD** and **STIMULANT** for every fruit-bearing Plant; also for Foliage and Flowering Plants; also Vegetables and Out-Door Plants of all descriptions.

**DIRECTIONS FOR USE ARE PLACED IN EACH SACK
AND PRINTED ON THE TINS.**

1 Cwt. Carriage Paid to all Stations in the United Kingdom.

*Can be had of Nurserymen and Seedsmen, or direct from the **SOLE** Makers—*

WM. THOMSON & SONS, LTD.,
TWEED VINEYARD,
CLOVENFORDS, GALASHIELS, N.B.

PRICES ON APPLICATION.

AGENT FOR LONDON—MR. J. GEORGE, 14, REDGRAVE ROAD, PUTNEY.

AGENT FOR CHANNEL ISLANDS—MR. J. H. PARSONS, MARKET PLACE, GUERNSEY.

Thomson's Special Top-Dressing Manure.

To be used as an additional Stimulant during the growing season for Chrysanthemums and other Plants.

Half Cwt. Carriage Paid to all Stations in the United Kingdom.

DIRECTIONS FOR USE ARE PLACED IN EACH BAG.

PRICES ON APPLICATION.

The VINE, Plant, and Vegetable Manure can be had in Bags of 1 cwt., $\frac{1}{2}$ cwt., $\frac{1}{4}$ cwt., 14 lbs.; and Tins of 7 lbs., 3 lbs., 1 lb.

The Special Manure in Bags of $\frac{1}{2}$ cwt., $\frac{1}{4}$ cwt., 14 lbs., and 7 lbs.

*For full Directions and Testimonials apply to the **SOLE** Makers—*

WILLIAM THOMSON & SONS, LTD.,
Tweed Vineyard, Clovenfords, Galashiels, N.B.

R.H.S. Advertisement Office :—117, VICTORIA STREET, LONDON, S.W.

1901-1902.

COUNCIL AND OFFICERS

OF THE

Royal Horticultural Society.

OFFICES:

117, VICTORIA STREET, WESTMINSTER, S.W.

TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.

HER MOST GRACIOUS MAJESTY THE QUEEN AND EMPRESS.

PRESIDENT.

SIR TREVOR LAWRENCE, BART., V.M.H.

VICE-PRESIDENTS.

(To be appointed February 12th, 1901).

TREASURER.

J. GURNEY FOWLER.

COUNCIL.

| | |
|---------------------------|--------------------------------|
| J. T. BENNETT-POE. | SIR JOHN T. D. LLEWELYN, Bart. |
| G. BUNYARD, V.M.H. | W. MARSHALL. |
| F. DU CANE GODMAN, F.R.S. | HUGO MÜLLER, F.R.S. |
| JAMES HUDSON, V.M.H. | ALFRED H. PEARSON. |
| THE EARL OF ILCHESTER. | CHARLES E. SHEA. |
| FREDERICK LLOYD. | HARRY J. VEITCH, F.L.S. |

AUDITOR.

(To be appointed February 12th, 1901.)

| | |
|-------------------------------|-----------------------|
| PROFESSOR OF BOTANY. | CONSULTING CHEMIST. |
| REV. G. HENSLOW, M.A., V.M.H. | DR. A. VOELCKER, M.A. |

FOREIGN CORRESPONDING SECRETARY.

MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.

REV. W. WILKS, M.A.

| | |
|------------------------|-------------------|
| GARDEN SUPERINTENDENT. | CASHIER. |
| S. T. WRIGHT. | FRANK READER. |
| ASST. SUPERINTENDENT. | CLERKS. |
| T. HUMPHREYS. | H. R. HUTCHINSON. |
| | W. H. PLOWMAN. |
| | GEO. WILLIAMS. |

CHARTERED ACCOUNTANTS.

MESSRS. HARPER BROS., 10, Trinity Square, E.C.

BANKERS.

LONDON AND COUNTY BANKING COMPANY (Westminster Branch.)

A Complete List of Fellows to January 1st, 1901, is published with the Report of the Council, and Balance Sheet.

TABLE OF CONTENTS.

| | PAGE |
|---|------|
| GENERAL NOTES ON THE SOCIETY | 3 |
| ELECTION AND PRIVILEGES OF FELLOWS | 6 |
| COMMUTATION OF SUBSCRIPTIONS | 7 |
| AFFILIATION OF LOCAL SOCIETIES | 8 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 10 |
| CHISWICK GARDENS | 11 |
| TRIALS AT CHISWICK IN 1901 | 14 |
| QUANTITIES OF SEEDS, &c., TO BE SENT | 15 |
| RAILWAYS TO CHISWICK | 16 |
| HOW TO GET TO CHISWICK | 17 |
| ADMISSION TO CHISWICK | 18 |
| STUDENTS AT CHISWICK | 19 |
| EXAMINATION IN HORTICULTURE | 21 |
| SCHOLARSHIPS | 24 |
| CHEMICAL ANALYSIS PRIVILEGES | 25 |
| THE JOURNAL OF THE SOCIETY | 33 |
| THE LINDLEY LIBRARY | 40 |
| FRUIT AND VEGETABLE COMMITTEE | 43 |
| SCIENTIFIC COMMITTEE | 44 |
| FLORAL COMMITTEE | 46 |
| ORCHID COMMITTEE | 47 |
| NARCISSUS COMMITTEE | 48 |
| REGULATIONS FOR EXHIBITORS | 49 |
| THE SHERWOOD SILVER CUP | 54 |
| MEETINGS AND LECTURES IN 1901 | 55 |
| AURICULA AND PRIMULA SHOW | 60 |
| TEMPLE SHOW, 1900, NEW RULES FOR | 62 |
| ROSE SHOW | 68 |
| RULES FOR COMPETING FOR PRIZES | 75 |
| RULES FOR AURICULA AND PRIMULA SHOW | 76 |
| RULES FOR ROSE SHOW | 77 |
| ADVERTISEMENTS. | |

1901-1902.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. It was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third. It is composed of Fellows, and of Honorary, and Corresponding Members; and its affairs are managed by a President and Council of fifteen Members elected annually from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (*See pages 11—17.*)

3. They are devoted to the culture of Fruits, Vegetables, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments and trials are made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results are published in the Society's *Journal*.

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the alternate Tuesdays* throughout the year in the **Drill Hall** of

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

the London Scottish R.V., **Buckingham Gate, Victoria Street, Westminster**, (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores). Fellows of the Society are admitted free, at 1 o'clock, and the Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. The Lectures are published in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices and Library of the Society are situated at **117, Victoria Street, Westminster**, where also is kept the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. The libraries, containing upwards of 4,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See page 40*).

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last century. The *Journal* is regularly forwarded post free to all subscribing Fellows, (and to such Honorary and Life Fellows as make written application for it.) It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports

of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (*See* page 33).

INSPECTION OF GARDENS.

9. Fellows desiring to have their Gardens examined can obtain a thoroughly competent Inspector from the Society, who will report and advise at the following cost, viz :—a Fee of £2 2s. for one day (or £3 3s. for two days) together with all out of pocket expenses. No inspection may take up more than two days.

INFORMATION.

10. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

11. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present about 4,500 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND

TERMS OF SUBSCRIPTION

TO THE

Royal Horticultural Society.

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained from the Office, 117, Victoria Street, Westminster. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 7), is entitled—

- 1.—To One Non-transferable (personal) Pass and Five Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, &c., as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A. B. C. Railway Guide), are entitled to a double share.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils; &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following Fees :—One day £2 2s., Two days £3 3s., *plus* all out of pocket expenses. (*See* page 5).
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 10.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To **One** Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **ONE** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

The Society being incorporated by Royal Charter, the Fellows incur no personal liability whatsoever, beyond the payment of their Annual Subscriptions.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION

OF

LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the R.H.S. *Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the R.H.S. *Journal*.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society.
- 4.—To purchase at cost price one Silver and one Bronze Medal of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., *see* next page.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the R.H.S. *Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society.
- 4.—To purchase, at cost price, two Silver and two Bronze Medals of the R.H.S., and an Affiliation Printing Block for use on Letter-paper, &c., *see* next page.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

| Price of Medals (post free) to Affiliated Societies. s. d. | | | | |
|--|----|---|--|--|
| Silver Flora, 2½ inches in diameter, in Morocco Case, complete | 18 | 6 | | |
| Bronze Flora do. do. do. do. | 6 | 9 | | |
| Silver Banksian, 1½ inch in diameter do. do. | 9 | 6 | | |
| Bronze Banksian do. do. do. do. | 4 | 9 | | |

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application through the Secretary of their own Society (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1900.

AFFILIATED SOCIETIES.



FIG. 1.

as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society (now numbering over 120) on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____
Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the

_____ *Society.*

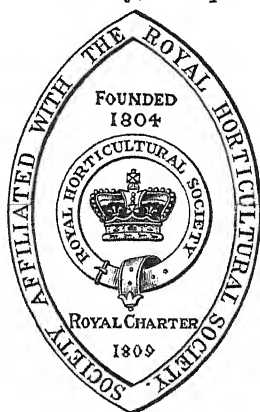


FIG. 2.

To the Secretary,

R.H.S. OFFICE,

117, VICTORIA STREET,

WESTMINSTER.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 8.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

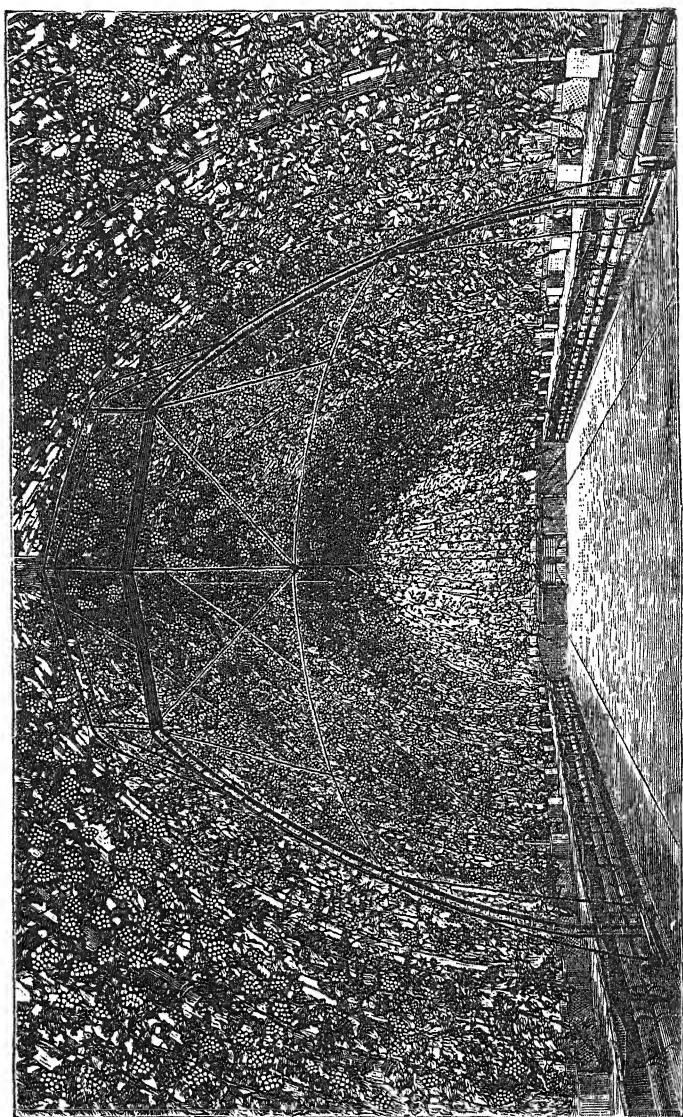
1901-1902.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have given careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

One of the largest houses, No. 6, is devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See page 14*).

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Cannas, Phloxes, Herbaceous Pæonies, Iris, Perennial Asters, Ivies, Early and Late Chrysanthemums, Cape and Zonal Pelargoniums are very extensive. A large number of Carnations have been planted. Verbenas, Hybrid Tea and Hybrid China Roses, Delphiniums, German Irises, &c., will receive special attention this year. (*See page 14*).

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK, 1901-1902.

VERBENAS.—Six plants of each should be sent.

HYBRID TEA ROSES.—Two plants of each should be sent.

PHLOX DECUSSATA.—Two plants of each variety should be sent on or before March 1.

HYBRID CHINA ROSES.—Two plants of each should be sent.

DELPHINIUMS.—Three plants of each should be sent.

NEW CANNAS.—One plant of each should be sent on or before February 1.

PEAS.—Any *New* varieties.—Half a pint of each should be sent.

POTATOS.—Any *New* varieties. 20 Tubers of each to be sent by February 1.

CABBAGES, SUMMER AND AUTUMN.— $\frac{1}{2}$ oz. of each should be sent.

SALADINGS.— $\frac{1}{2}$ oz. of each should be sent.

All of the above should be sent addressed to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN
REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half
a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoys,
Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce,
Onions, Radish, Parsley—Half an ounce of each.

Potatos—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

Flower Seeds—Sufficient of each variety to ensure a fair trial.

LINDLEY LIBRARY CATALOGUE.

A Complete Guide to the Library

AND

A BIBLIOGRAPHY OF GARDENING.

PRICE, POST FREE, 2s. 6d.

From R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

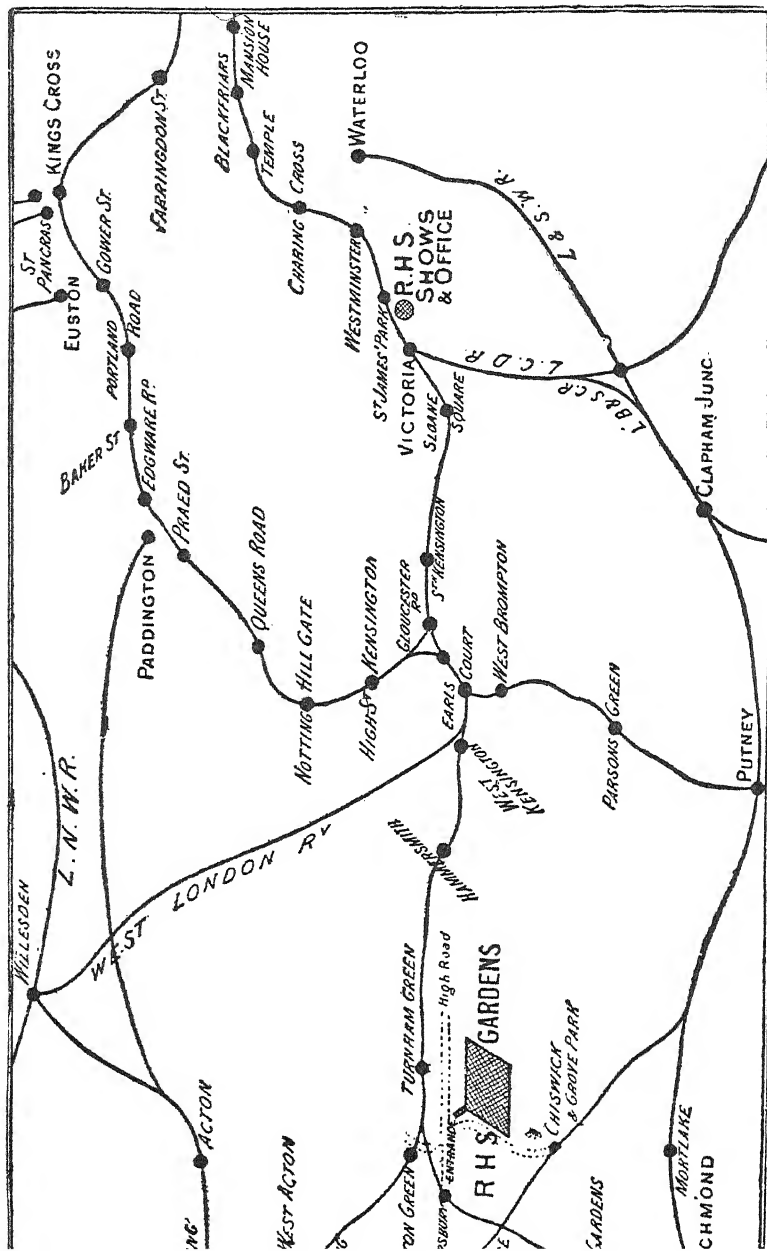
JUDGING RULES.

These Rules, which are known as the "R. H. S. 1899 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors," have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of all Horticultural Societies.

PRICE, POST FREE, 1s. 6d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

RAILWAY COMMUNICATION WITH CHISWICK GARDENS.



D I R E C T I O N S
TO
FELLOWS OF THE SOCIETY AND OTHERS
WISHING TO VISIT THE
SOCIETY'S GARDENS AT CHISWICK
(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by the Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. *Omnibuses and Tram Cars*.—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS, CHISWICK.

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnelsbury and Turnham Green Railway Stations).*

ON showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket; or by payment of, on ordinary days, Sixpence, on Show days, July 16, 17, for example, One Shilling, or such other payment as the Council may from time to time appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset. On Sundays and Public Holidays the Gardens are closed.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS, CHISWICK.

The Society admits a limited number of young men to study Gardening in their Gardens at Chiswick. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students at Chiswick are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, 117, Victoria Street, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission to Chiswick Gardens is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Chiswick, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Assistant-Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1894.
F. S. HARRIS, 1894.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIENT, 1896.
A. THEAKSTONE, 1896.
E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.
A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
E. COLE, 1898.

H. P. GLAISTER, 1898.
P. BRUANT, 1898.
V. CLEEVES, 1899.
J. ETHERINGTON, 1899.
F. G. STORRS, 1899.
G. PYMAN, 1899.
A. G. MACWHIRTER, 1899.
H. A. BURDETT, 1899.
E. RODIGAS, 1899.
A. M. HORDEE, 1899.
H. C. CHAPELOW, 1899.
E. M. BRAR, 1899.
H. MISVAER, 1900.
E. EDWARDS, 1900.
H. BROAD, 1900.
O. CAREY, 1900.
C. GLEED, 1900.
S. P. JACKSON, 1900.
G. STAPLES, 1900.
B. SMITH, 1900.
K. G. BURBIDGE, 1900.

EXAMINATION IN HORTICULTURE, 1901.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 24th, 1901.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad : their Nature and Composition : Weeds and their eradication.
- (2) Requirements of Growth—Water, Heat, Air.
- (3) Seeds : Nature of, Duration of Vitality in, and Modes of Germination.
- (4) Roots : Nature and functions of ; Fibrils and Root-Hairs ; what they do, and how they do it—what Helps and what Hinders them.
- (5) Stems and Branches : their Nature, Work, and uses ; Helps and Hindrances to their work.
- (6) Leaves : what they are, what they do ; Helps and Hindrances to their work.
- (7) Tubers and Bulbs, Leaf-Buds and Flower Buds.
- (8) Growth and development : increase in size and changes of Composition and Structure ; Formation and Storage of Food Materials.
- (9) Flowers : their Component Parts ; what they do ; Artificial Fertilisation.
- (10) Fruit : Changes and Development during ripening ; Forms and Varieties, as, *e.g.*, Apple, Strawberry, Plum, &c.
- (11) Seed : Formation of.
- (12) Variation and Selection.
- (13) Names and Orders of common Garden-Plants, Trees, &c., &c.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening : Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods : Digging and Trenching ; Draining ; Hoeing, Stirring the Soil, and Weeding ; Watering ; Preparation of Seed Beds ; Rolling and Raking, Sowing, Transplanting and thinning ; Potting, Planting : Aspects, Positions and Shelter ; Staking ; Earthing and Blanching, &c.

- (5) Propagation. Elementary principles: Cuttings, Budding and Grafting, Stocks used, Layering Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works: "Primer of Botany," by Sir J. D. Hooker, K.C.S.I., (MacMillan & Co., 30, Bedford Street, W.C.) 1/-; "Elementary Botany," by J. W. Oliver, (Blackie & Sons, 50, Old Bailey, E.C.) 2/-; "Botany for Beginners," by Professor Henslow, (Stanford) 2/6; "Floral Dissections," by Professor Henslow, (Stanford) 4/-; "How to Study Wild Flowers," by Professor Henslow, (R.T.S) 2/6; "Structural Botany" (Flowering Plants), by Dr D. H. Scott, (A. & C. Black, Soho Square, W.C.) 3/6; "Plant Life," by Dr. M. T. Masters, F.R.S., (Vinton & Co., 9 New Bridge Street, E.C.) 2/6; "Plant Breeding," by L. H. Bailey, (MacMillan & Co.) 4/-; "Elements of Agriculture," by W. Fream, LL.D., (J. Murray, Albemarle Street, W.) 3/6; "Primer of Horticulture," by J. Wright, V.M.H., (MacMillan & Co.) 1/-; "Physiology of Plants," by Dr. Paul Soraner, (Longmans, Green & Co., 39, Paternoster Row, E.C.) 9/-; "Chemistry of the Garden," by H. Cousins, (MacMillan & Co.) 1/-; "Diseases of Plants," by H. Marshall Ward, (S. P. C. K., Northumberland Avenue, W.C.) 2/6; "Profitable Fruit Growing," by J. Wright, V.M.H., (Journal of Horticulture, 12, Mitre Court Chambers, E.C.) 1/3; "Art of Budding and Grafting," by C. Baltet, (Crossby Lockwood, Stationers' Hall Court, E.C.) 2/6; "Pruning," by L. H. Bailey, (MacMillan & Co.) 5/-; "Natural History of Plants," 2 Vols. by Kerner & Oliver, (Blackie & Son) 50/-.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is $2\frac{1}{2}$ hours, the hour fixed being generally from 7 to 9.30.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticul-

tural Operations and Practice." It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 200 Marks and over will be placed in the FIRST CLASS. Those gaining 150 to 200 will be placed in the SECOND CLASS, and those gaining between 100 and 150 will be placed in the THIRD CLASS. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at **least ten days** before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give the information asked for on the enclosed coloured form.

12. A small capitation fee of 3s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. **N.B.**—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

SCHOLARSHIPS.

SIR TREVOR LAWRENCE, Bart., President of the Society, and Master of the Worshipful Company of Gardeners, very kindly offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society in 1894, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

A similar Scholarship was presented by Baron SCHRÖDER, V.M.H., after the 1895 examination.

The Worshipful Company of Gardeners continued this Scholarship to the end of 1896.

Another similar Scholarship was given after the 1897 examination by N. N. SHERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners.

Another was given for 1898-9 by G. W. BURROWS, Esq., a member of the Court of the same Worshipful Company of Gardeners.

Another was given for 1899-1900 by the Right Hon. the LORD AMHERST, who presents it also through the Gardeners' Company.

And another is promised for 1901 by HENRY WOOD, Esq., which will be continued in 1902 by F. G. IVEY, Esq., both gentlemen being Members of the Court of the Worshipful Company.

SCHOLARS :—

| | | |
|---------------|-----|----------------------|
| 1894-5-6 ... | ... | MR. W. N. SANDS. |
| 1895-6-7 ... | ... | MR. G. F. TINLEY. |
| 1897-8-9 ... | ... | MR. H. S. LANGFORD. |
| 1898-9 ... | ... | MISS HARRISON. |
| 1899-1900 ... | ... | MR. C. J. GLEED. |
| 1900-1 ... | ... | MR. B. SMITH. |
| 1901 ... | ... | MR. CHARLES H. BUCK. |

If the student who is at the head of the examination is for any reason unable or unwilling to accept the Scholarship it is then offered to the next highest on the list, and so on throughout the First Class. And in case of two or more eligible students being adjudged equal marks, the Council reserve to themselves the right to decide which of them shall be presented to the Scholarship.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples, are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made.

- | | |
|---|---------|
| 1.—An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2.—An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3.—An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4.—An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5.—An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6.—An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7.—Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8.—An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. from 10s. to £1 | |
| 9.—An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10.—Partial analysis of a soil, including determinations of clay, sand, organic matter, and carbonate of lime | 10s. |
| 11.—Complete analysis of a soil | £3 |
| 12.—Analysis of any vegetable product | 10s. |
| 13.—Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14.—Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15.—Analysis of water used for domestic purposes | £1 10s. |
| 16.—Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analyses must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c., (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed on next page and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 29 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, & C.

Address

To

Date

Please supply me for delivery

Tons Cwt. of

At per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, etc., to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square ; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep ; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertilizer not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 25.

PLANTS, &c.,
 CERTIFICATED BY THE
Royal Horticultural Society,
 FROM 1859 TO 1899 INCLUSIVE.

A Complete List of all the
Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the Year 1859 to December, 1899.

Price 5s., post free,
 FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

“JOURNAL”

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall).

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 90 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W. :—

NEW SERIES.

- Vol. I., 1866, part 1, 82 pages, 2s. 6*d*.
- Vol. I., 1866, part 2, 62 pages, 2s. 6*d*.
- Vol. I., 1866, part 3, 64 pages, 2s. 6*d*.
- Vol. II., 1869, part 2, 62 pages, 2s. 6*d*.
- Vol. II., 1870, part 3, 122 pages, 4*s*.
- Vol. III., 1873, parts 11 and 12, 200 pages, 4*s*.

[There is only one copy of each of the foregoing left on Sale.

Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebenoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

Vol. II., part 1, 1868, 64 pages. G. Gasparini on the Ripening of Figs; Terrestrial Orchids; Forcing Lilies of the Valley; Forms of Canker, by the late Rev. M. J. Berkeley, M.A., F.L.S., &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.

Vol. V., 1878-79, parts 5, 6, and 9. Filberts; Savoy; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; Native Country of the Potato; Disease in the Ash; the Genus Tulipa. To Fellows, 1s. 6d.; non-Fellows, 3s.

Vol. VI., 1880, 168 pages. Proceedings of the Society, 1s.

Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.

Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.

Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatoes, Tomatoes, Hyacinths, Daffodils, Orchids, &c. To Fellows, 2s.; non-Fellows, 4s.

- Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference**: Papers on Asparagus, Winter Salads, Peas, Potatoes, &c.; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c.; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferae, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d.; Non-Fellows, 15s. 6d.
- Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c.; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s.; non-Fellows, 4s.

Vol. XV., parts 2 and 3, January, 1893, 400 pages. Report of the **Begonia Conference**; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. The effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs; The "Larch Disease;" "Forest Trees for Commercial Purposes;" "The Utilization of Waste Ground unsuitable for Agriculture;" "The General Management of Woods"—**Conference on British Grown Fruit**; "Fruit Growing, in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beaus, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants;

Gardeners, past, present and future ; Revival of older Roses ; Reports on Peas, Spinach, Strawberries, &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History ; Garden Craft ; Garden Literature ; Garden Libraries ; **Crystal Palace Fruit Show**, Report. Value of Fruit from a Food point of view ; the Cider and Perry Industry ; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation ; Forcing Lilies of the Valley ; Gladioli ; Hardy Summer Flowers ; Chrysanthemums ; Seed-Growing, &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening ; Effect of Bud Transference ; Manures ; Diseases of Plants ; Physiology of Pitcher Plants ; Preserving Fruit ; Cabbages ; Broad Beans ; Peas ; Forcing French Beans ; Strawberries, &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs ; Garden Insects ; Treatment of Insects and Fungi in America ; Cross Fertilisation ; Plums ; Nepenthes ; Cyclamen ; Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897 ; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97 ; The Sparrow ; Tomatos ; Hardy Borders ; Orchid Breeding ; Depth in the Soil at which Plants occur ; Exhibitions and Schedules ; Sports ; Varieties of Fruits for Small Gardens ; V.M.H. To Fellows, 3s. 6d. ; non-Fellows, 6s. 6d.

Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California ; Orchids in Guiana ; Professor Henslow on Plants ;

Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Examination; Apples and Pears for Flavour. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; Onions; Tomatos. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 1, July, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Professor Henslow on Plants; Asparagus; Alpine Floras of Britain and Switzerland; Onions; Examination in Horticulture. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 2, November, 1899, 190 pages. Light and Heat; Rock Gardens and Streams and Plants for them; Movements of Plants; Fertilisation by Insects, &c.; Dispersal of seeds; Pruning; Drought of 1898; Plant Manures; Fruit Stations; open air Vines; Dahlias. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 3, August, 1900, 292 pages. **Crystal Palace Fruit Show**; Scale and Mealy Bug; Growth of the Fruit Trade; Professor Henslow on Plants; Fruit Growing in South Wales; Experiments in Potato Growing; Examination; Examination Questions, 1893-1900; Chrysanthemums; Cabbages; Brussels Sprouts; Kales; Black Currant Mite; Prunes; Alpine Plants; Vines in the Open Air; Meteorology at Chiswick; Charters and Bye-Laws. To Fellows, 2s. 6d.; non-Fellows 5s.

Vol. XXIV., April, 1900, 348 pages. Contains a full Report of the **Conference on Hybridisation**; Hybridisation and Cross-Breeding as a Method of Scientific Investigation; Fertilization of Anthuriums; Hybridising of Monstrosities; Hybridisation and its Failures; Experiments in Hybridisation and Cross-Breeding; Work of the United States Department of Agriculture on Plant Hybridisation; The Structure of Certain New Hybrids; Hybridisation viewed from Systematic Botany; Hybrid Poppies, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXV., parts 1 and 2, November, 1900, 362 pages. Ornamental Trees and Shrubs; Evolution of Plants; Narcissi; Problems in Heredity; Aquatic plants; Protoplasm and Evolution; Phenomena of Germination; Uses of Leaves; Roses; Lilies; Cherries and Plums in pots; Melons; Montbretias and Crocosmias: Strawberry Mildew; Diseases of Gooseberries; Saving the Rain; Reports on trials at Chiswick, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Plants, &c.

CERTIFICATED BY THE

Royal + Horticultural + Society,
FROM 1859 TO 1899 INCLUSIVE.

A complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the year 1859 to December 1899.

Price 5s., post free.

FROM THE R.H.S. OFFICES 117, VICTORIA STREET, S.W.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POË, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (J. GURNEY FOWLER, Esq.).

THIS magnificent Horticultural Library, with which the Society's Library is incorporated, consists of about 4,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and it was issued last year. About £130 has so far been subscribed towards the cost of producing it, but this does not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees. *See p. 15.*

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue, will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained; *see* p. 15.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, p. 55, *et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society, for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1901-1902.

CHAIRMAN.

BUNYARD, GEO., V.M.H., Maidstone, Kent.

VICE-CHAIRMEN.

BALDERSON, H., Corner Hall, Hemel Hempstead.

PEARSON, A. H., Pelham Road, Sherwood Rise, Nottingham.

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., The Gardens, Cross Deep, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

BLAKER, Dr. E. S., The Cedars, East Grinstead.

CHEAL, JOSEPH, Lowfield, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

ESLING, H., Hillview, Croft Road, Carshalton.

FARR, W., Spring Grove House Gardens, Isleworth.

FYFE, W., Lockinge Park Gardens, Wantage.

GLEESON, M., Warren House Gardens, Stanmore.

HERRIN, C., Lydhurst, Hayward's Heath, Sussex.

IGGULDEN, W., North View, Frome, Somerset.

JAQUES, J., Waddesdon Manor Gardens, Aylesbury.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., Berkhamsted.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

MCINDOE, JAMES, V.M.H., Hutton Hall Gardens, Guisborough.

MILES, G. T., Wycomb Abbey Gardens, High Wycomb.

MORTIMER, S., Rowledge, Farnham, Surrey.

NORMAN, G., Hatfield House Gardens, Hatfield.

PARKER, R., Goodwood Gardens, Chichester.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham.

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton, W.

RIVERS, H. SOMERS, Sawbridgeworth.

SMITH, JAMES, V.M.H. The Gardens, Mentmore, Leighton Buzzard.

VEITCH, J. H., King's Road, Chelsea.

VEITCH, P. C. M., Exeter.

WARD, A., Trent Park Gardens, New Barnet.

WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court, Teston, Maidstone.

WRIGHT, JOHN, V.M.H., 8, Rosehill Road, Wardsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

SCIENTIFIC COMMITTEE, 1901-1902.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale.

VICE-CHAIRMAN.

FOSTER, Sir M., K.C.B., V.M.H., M.P., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.
THISELTON-DYER, Sir W. T., K.C.M.G., F.R.S., Kew.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., V.M.H., F.L.S., 80, Holland Park, W.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.
BALFOUR, Prof. I.B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.
BATESON, W., F.R.S., Merton House, Granchester, Cambs.
BENNETT, A. W., F.L.S., 6, Park Village East, N.W.
BENNETT-POË, JOHN T., 29, Ashley Place, Westminster.
BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.
BOULGER, Professor G. S., 34, Argyll Mansions, Kensington, W.
BOWLES, E. AUGUSTUS, Myddelton House, Waltham Cross.
BROWN, Dr. HORACE, F.R.S., 52, Nevern Sqr., Kensington, S.W.
BURBIDGE, F.W., M.A., V.M.H., Trinity College Gardens, Dublin.
CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell, S.E.
CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.
COOKE, M. C., M.A., LL.D., 53, Castle Road, Kentish Town, N.W.
DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.
DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.
DOUGLAS, JAMES, V.M.H., Great Bookham, Surrey.
DRURY, C. T., F.L.S., 11, Shaa Road, Acton, W.
ELLACOMBE, Rev. Canon, Bitton, Bristol.
ELWES, H. J., F.R.S., V.M.H., Colesborne, Andoversford, Glos.
ENGLEHEART, Rev. G. H., M.A., V.M.H., Appleshaw, Andover.
EWBANK, Rev. H., St. John's, Ryde.
FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.
GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.

- GORDON, GEORGE, V.M.H., Priory Road, Kew.
 GROOM, Professor PERCY, F.L.S., Hollywood, Egham.
 HARTOG, Professor, D.Sc., M.A., Queen's College, Cork.
 HOGG, R. A. MILLIGAN, 12, Mitre Court Chambers, Fleet Street.
 HOLMES, E. MORELL, F.L.S., Ruthven, Sevenoaks.
 HOUSTON, D., F.L.S., Technical Laboratory, Chelmsford.
 HURST, Captain C., Burbage Grove, Hinckley.
 IM THURN, E. F., C.B., 23, Edwardes Square, Kensington, W.
 LINDSAY, R., Murrayfield, N.B.
 LLEWELYN, Sir J. T. D., Bart., F.L.S., Penllergaer, Swansea.
 LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.
 MASSEE, GEORGE, F.L.S., Gateacre, Sandycombe Road, Kew.
 MAWLEY, Ed., Rosebank, Berkhamsted.
 McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.
 MICHAEL, A. D., F.L.S., Cadogan Mansions No. 9, Sloane Sq., S.W.
 MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural
 Department for the West Indies, Barbados.
 MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.
 MURRAY, GEORGE, F.R.S., Natural History Museum, S.W.
 NEWSTEAD, ROBERT, F.E.S., Grosvenor Museum, Chester.
 NICHOLSON, GEO., Royal Gardens, Kew.
 O'BRIEN, JAMES, V.M.H., Harrow-on-the-Hill.
 ODELL, J. W., The Grove, Stanmore, Middlesex.
 OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.
 PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.
 RENDLE, Dr. A. B., Natural History Museum, S.W.
 RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.
 SALMON, ERNEST S., Charlton House, Kew.
 SAUNDERS, GEO. S., 20, Dents Road, Wandsworth, S.W.
 SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace,
 Richmond, S.W.
 SCOTT-ELLIOT, G. F., M.A., B.Sc., F.L.S., St. Colme, Aberdour,
 Fife.
 SHEA, CHARLES E., The Elms, Foots Cray, Kent.
 SMITH, MARTIN R., Warren House, Hayes, Kent.
 SMITH, WILLIAM G., Ph.D., Yorkshire College, Leeds.
 SMITH, WORTHINGTON G., F.L.S., 121, High Street, Dunstable.
 SUTTON, A. W., V.M.H., F.L.S., Reading.
 VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.
 WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.
 WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.
 WILSON, GEO. F., F.R.S., V.M.H., Heatherbank, Weybridge Heath.
 WORSDELL, W. C., Jodrell Laboratory, Royal Gardens, Kew.
 WORSLEY, A., Mandeville House, Isleworth.

NOTE.—Members of the Council are Members of all the Committees.

FLORAL COMMITTEE, 1901-1902.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMEN.

PAUL, GEORGE, V.M.H., The Old Nurseries, Cheshunt.

SHEA, CHARLES E., The Elms, Foots Cray.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

CANT, FRANK, Braiswick, Colchester.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTRUSH, H. J., Highgate, N.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DIXON, C., Holland House Gardens, Kensington.

DRURY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

FIFE, ROBERT, Messrs. Dobbie, Orpington, Kent.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, 4, Willow Cottages, Kew.

GORDON, G., V.M.H., Endesleigh, Priory Park, Kew.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal, Slough.

JEFFRIES, C., Boston House Gardens, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

MCLEOD, J., Dover House Gardens, Roehampton.

MAY, H. B., Dyson's Lane, Upper Edmonton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Park, Bishop's Waltham.

NICHOLSON, G., V.M.H., Royal Gardens, Kew.

NOTCUTT, R. C., Woodbridge, Suffolk.

PAGE-ROBERTS, Rev. F., Halstead Rectory, Sevenoaks, Kent.

PAWLE, J. D., 12, Stanley Gardens, Willesden Green, N.W.

PEARSON, C. E., Lowdham, Nottingham.

REUTHE, G., Wensleydale, Hanworth Road, Feltham, Middlesex.

SALTER, C. J., Woodhatch Gardens, Reigate.

SELFE-LEONARD, H., Hitherbury, Guildford.

THOMAS, OWEN, V.M.H., Royal Gardens, Windsor.

THOMSON, W. P., 25, Rolls Lane, Chiswick, W.

TURNER, H., V.M.H., Slough.

WALKER, J., Ham Common, Surrey.

WATSON, W., Royal Gardens, Kew.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

ORCHID COMMITTEE, 1901-1902.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

VICE-CHAIRMEN.

FOWLER, J. GURNEY, Glebeland, Woodford.

LAWRENCE, Sir TREVOR, Bart., V.M.H., 57, Princes Gate, S.W.

SCHRÖDER, Baron, V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALFOUR, Prof. BAYLEY, F.R.S., V.M.H., Edinburgh.

BALLANTINE, H., The Dell Gardens, Staines.

BILNEY, W. A., Fir Grange, Weybridge.

BOND, T. W., Elstead House Gardens, Godalming.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell, S.E.

COLMAN, J., Gatton Park, Surrey.

COBB, W., 33, Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam, Northumberland.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, V.M.H., Edenside, Great Bookham.

GABRIEL, J. T., 32, Palace Road, Streatham Hill, S.W.

GRATRIX, S., West Point, Whalley Range, Manchester.

HAY, W. H., Oakley Park, Eye, Suffolk.

HILL, E., Tring Park Gardens, Tring.

HISLOP, A., Bletchley Park Gardens, Bletchley.

LATHAM, W. B., Botanic Gardens, Birmingham.

LAW-SCHOFIELD, G. W., New Hall Hey, Rawtenstall, Manchester.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

LUCAS, C. J., Warnham Court, Horsham.

MOORE, F. W., V.M.H., Botanic Gardens, Glasnevin, Dublin.

ODELL, J. W., The Grove, Stanmore, Middlesex.

PITT, H. T., Rosslyn, 57, Stamford Hill, N.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Elmwood, Park Hill Road, Croydon.

REHDER, FRANK, 29, Mincing Lane, E.C.

ROCHFORD, THOMAS, Turnford Hall, Broxbourne.

SANDER, F., V.M.H., St. Albans.

SMEE, A. H., The Grange, Hackbridge, Surrey.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

TRACY, H. A., Anyand Park Road, Twickenham.

WHITE, W. H., Burford Lodge Gardens, Dorking.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are
Members of all the Committees.

NARCISSUS COMMITTEE, 1901-1902.

(Established 1885.)

CHAIRMAN.

BENNETT-POË, JOHN T., 29, Ashley Place, S.W.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.
DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.
ENGLERHART, Rev. GEORGE H., V.M.H., Appleshaw, Andover.

HON. SECRETARY.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.
BARR, R., 12, King Street, Covent Garden, W.C.
BOSCAWEN, Hon. J., Tregye, Perranwell, Cornwall.
BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.
BURBIDGE, F. W., M.A., V.M.H., Trinity College, Dublin.
CAMMELL, M., Loxwood House, Billingshurst, Sussex.
COPELAND, W. F. M., Kibblestone Hall, Stone, Staffs.
COWAN, C. W., Valleyfield, Penicuik, Midlothian.
FOSTER, Sir Michael, K.C.B., V.M.H., M.P., Sec. R.S., Shelford, Cambridge.
DE GRAAFF, S. A., Leyden, Holland.
GOLDRING, W., 28, Kew Gardens Road, Kew.
KINGSMILL, A., The Holt, Harrow Weald, Stanmore.
KRELAGE, J. H. Haarlem, Holland.
LEICHTLIN, MAX, Baden-Baden.
MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.
MARSH, Rev. T. H., Cawston Rectory, Norfolk.
MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.
PEARSON, DUNCAN, Lowdham, Notts.
POPE, J., The Ericas, King's Norton.
POUPART, W., Marsh Farm, Twickenham.
REUTHE, G., Wensleydale, Hanworth Road, Feltham, Middlesex.
SMITH, J. A. DORIEN, Tresco Abbey, Scilly.
SYDENHAM, R., 190, Bristol Road, Birmingham.
TITHERADGE, G. T., 10, Cavendish Road, St. John's Wood, N.W.
WALKER, JAMES, Ham Common, Surrey.
WARE, WALTER T., Inglescombe, near Bath.
WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.
WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

NOTE.—Members of the Council are Members of all the Committees.

The NARCISSUS COMMITTEE will meet at the DRILL HALL, Buckingham Gate, Victoria Street, Westminster, on the following dates, at 12 o'clock, noon, viz., March 12th, 26th, April 9th and 23rd, 1901.

REGULATIONS
FOR THE
FRUIT, FLORAL, & ORCHID COMMITTEES,
AND FOR INTENDING EXHIBITORS,
1901-1902.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 33), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 55, *et seq.*; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except, *see* Rule 14, page 52.)

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—*see* Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., Buckingham Gate, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 74). If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing*.—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are requested to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less* than six must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

In recommending *First Class Certificates or Awards of Merit* to Cut Flowers, artificial "dressing," supports, &c., should be taken into account by the Committees in making their awards. This applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Two general forms of award will be made by the Council, viz.:—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made according to their merits to very superior seedlings or novelties, or to recently introduced, reintroduced, or very rare objects, or to highly decorative plants, or to other objects of great excellence which have been hitherto overlooked or ignored. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

14. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, etc., so distinguished, at the next (or nearest possible,) General Meeting of the Society at Westminster or elsewhere, in order that they may if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

15. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

16. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

17. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

18. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

FRUITS FOR COTTAGERS, FARMERS,

AND

OWNERS OF SMALL GARDENS.

New Edition, 1900.

Price, Post Free, Single Copy, 2d.; 25, 2/-; 50, 3/-; 100, 4/-.

May be obtained from

THE SOCIETY'S OFFICE, 117, VICTORIA STREET, S.W.

THE SHERWOOD SILVER CUP.

Founded 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree—Gardener Mr. E. Beckett.

In 1900 it was offered for "Apples and Pears," when it was won by Roger Leigh, Esq., Maidstone—Gardener, Mr. Geo. Woodward.

In 1901 it is offered for the best collection of Orchids shewn by an Amateur at the Temple Show (May 22nd, 23rd, 24th,) in a space not exceeding 100 square feet.

In 1902 it will probably be offered for the best collection of Hardy Ornamental Trees and Shrubs shewn at the Temple.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, 117, Victoria Street, eight days before the Competition takes place.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1901—1902.

Fruit, Floral, and Orchid Meetings will be held in the Drill Hall, Buckingham Gate, Victoria Street, Westminster (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 22nd, 23rd and 24th, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 66); on July 16th and 17th at Chiswick, (*see* page 70); on October 10th, 11th and 12th, at the Crystal Palace (*see* p. 72), but on all other dates at the Drill Hall, Buckingham Gate, Victoria Street, Westminster.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Vegetables, Plants, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. See page 50, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit NEW, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c., as well as groups or collections of those more widely known; at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The "Rules for the Temple Show" page 64, unless inapplicable, are in force at the Drill Hall also.

The Regulations to be observed by Competitors for the Prizes will be found on page 75.

TUESDAY, JANUARY 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture on "Recent developments in the treatment of Diseases and Insects injurious to Orchard Crops," by Professor Beach, U.S.A.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 29th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Some of the Plants Exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 12th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at 117, Victoria Street, for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street.
-

TUESDAY, FEBRUARY 26th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The making and unmaking of Flowers" by the Rev. Professor George Henslow, M.A. V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 12th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|--|
| 12 noon. | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall on "Climbers for Pergolas, Verandahs, and Walls," by Mr. G. Davison. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, MARCH 26th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|---|
| 12 noon | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall on "Inconspicuous and rarely cultivated Orchids," by Mr. W. H. White. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria-street, S.W. |
-

TUESDAY, APRIL 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*
3. Group of Daffodil Blossoms (Polyanthus varieties excluded); must include some of each section, Magni-, Medii-, and Parvi-Coronati; must contain at least 50 varieties distinct, of 30 of which at least three blooms each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are two Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Cup, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Some of the Plants exhibited," by the Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.

TUESDAY, APRIL 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "British Plants worth Improving for Garden Cultivation," by Mr. F. W. Burbidge, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.

- V. Auricula, Premier, selected from the whole Exhibition.....10s.
W. A Basket of Primrose and Polyanthus plants arranged for effect,
20s.—15s.—10s.
X. Group of any species or varieties of Primula or Auricula, in
box or basket, not to exceed 12 superficial feet. Tasteful
arrangement to be considered20s.—15s.—10s.
Y. Prizes of 10s. and 7s. 6d. will be awarded (if worthy) to Seedlings
in Auriculas—green edged, grey edged, white edged, and selfs.
Z. Alpines, gold centres6s.—4s.
Alpines, white or creamy centres6s.—4s.
AA. For those who have never won a Prize.
4 Show Auriculas, dissimilar. 15s.—10s.—7s. 6d.—5s.—2s. 6d.
BB. For those who have never won a Prize.
6 Alpine Auriculas, dissimilar. 12s.—9s.—6s.—4s.—2s. 6d.
CC. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.
DD. 3 Polyanthus, dissimilar, gold laced7s. 6d.—5s.—3s.—2s. 6d.
EE. Polyanthus, single specimen, gold laced4s.—3s.—2s.—1s.
FF. 6 Green-edged Auriculas, not less than 3 Varieties, and not
more than 2 of any one Variety.
*First Prize, Silver Medal; Second Prize, Bronze Medal; Third
Prize, 5s.; Fourth Prize, 4s.*
These Prizes are presented by William Smith, Esq., and
James Douglas, Esq., V.M.H.

TUESDAY, MAY 7th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. Open*Certificates.*
2. New or Rare Fruits and Vegetables. Open*Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture in the Drill Hall on "Alpines and other
Small Plants for Walls," by Mr. E. H. Jenkins.
4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

PRIZE ESSAYS.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture" may be obtained from the Society's Office, 117, Victoria St., S.W. Price 1s. 6d.

WEDNESDAY, THURSDAY, and FRIDAY,

May 22nd, 23rd, and 24th, 1901,

GREAT FLOWER SHOW

WILL BE HELD IN THE

INNER TEMPLE GARDENS,
THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, WEDNESDAY, MAY 22ND.

- 10.30 a.m. Judging commences.
- 11 a.m. Fruit, Floral and Orchid Committees assemble.
- 12 noon. Council Meeting.
- 12.30 Exhibition opens to Fellows.

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF

SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

For SHERWOOD PRIZE, *see* page 54.

N.B.—Exhibitors are particularly requested **not** to write for space before the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after April 2nd. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

Division I.—GROUPS OF FLOWERING AND DECORATIVE PLANTS.

| Class | | Class | |
|-------|--------------------|-------|--------------------------|
| 1 | Amaryllis. | 17 | Dieffenbachia. |
| 2 | Anthuriums. | 18 | Dracenas. |
| 3 | Arisæmas. | 19 | Ferns. |
| 4 | Azaleas. | 20 | Gloxinias. |
| 5 | Begonias (single). | 21 | Hardy Herbaceous Plants. |
| 6 | „ (double). | 22 | Leschenaultias. |
| 7 | Cactaceous Plants. | 23 | Marantas. |
| 8 | Caladiums. | 24 | Orchids. |
| 9 | Calatheas. | 25 | Palms. |
| 10 | Calceolarias. | 26 | Pelargoniums. |
| 11 | Cannas. | 27 | Petunias. |
| 12 | Carnations. | 28 | Rhododendrons. |
| 13 | Clematis. | 29 | Roses. |
| 14 | Clivias. | 30 | Streptocarpus. |
| 15 | Crotons. | 31 | Miscellaneous Plants. |
| 16 | Cycads. | | |

Division II.—COLLECTIONS OF CUT FLOWERS.

N.B.—To prevent undue appropriation of space, only one bunch of each distinct variety will be allowed in any Exhibitor's collection in Division II.

| Class | | Class | |
|-------|-------------------|-------|----------------|
| 32 | Carnations. | 37 | Pæonies. |
| 33 | Hardy Perennials. | 38 | Roses. |
| 34 | Irises. | 39 | Tulips. |
| 35 | Lilies. | 40 | Miscellaneous. |
| 36 | Pyrethrums. | | |

Division III.—COLLECTIONS OF FRUITS AND VEGETABLES.

| Class | | Class | |
|-------|---|-------|--|
| 41 | Apples. | 49 | Peaches (fruit trees, in pots or otherwise). |
| 42 | Asparagus. | 50 | Peas. |
| 43 | Beans. | 51 | Pine Apples. |
| 44 | Cherries (fruit trees, in pots or otherwise). | 52 | Potatos. |
| 45 | Cucumbers. | 53 | Radishes. |
| 46 | Melons. | 54 | Rhubarb. |
| 47 | Mushrooms. | 55 | Strawberries. |
| 48 | Nectarines (fruit trees, in pots or otherwise). | 56 | Tomatos. |
| | | 57 | Miscellaneous. |

N.B.—The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to omit all **Vases** of arranged Flowers, **Table Decorations** **Bouquets**, **Sprays**, and such like.

RULES, &c. FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii.) fill it with very ordinary or inferior plants and flowers, &c.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sqr. ft. each—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sqr. ft. each—Begonias, Orchids, Ferns and Hardy Cut Flowers.
[N.B.—Duplicate Bunches of Cut Flowers are prohibited. Cut Flowers should be shown in as natural a condition as possible—the mutilation of Lilies, *e.g.*, by removal of the anthers being inadmissible.]

200 sqr. ft. each—Clematis, and Show and Fancy Pelargoniums.

300 sqr. ft. each—Foliage plants, Palms, and others of a similar character.

400 sqr. ft. each—Caladiums, Pot Roses and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

5.—Plants and produce exhibited to shew the effect of different Manures and Soils will be placed outside the tents.

6.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

7.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded flowers.

8.—All Fruits and Vegetables, when gathered, must be shown in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular. Flowers must not be combined with exhibits of Fruit or Vegetables.

9.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

10.—The name cards of the plants &c. should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 11.

11.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred.

12.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

13.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

14.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on both sides. No other covering material will be allowed.

15.—No coloured paper or ribbons may be used for decoration.

16.—Exhibits must not be removed until half-an-hour after the closing of the Show.

17.—All Exhibitors must post their Entry Forms to the SECRETARY R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 8th day before the Show, *i.e.* on Tuesday, May 14th, 1901. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS.

At the Temple Show, 1901.

—:0:—

Exhibitors must post the notice of their intention to exhibit to *The Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 8th day before the Show, i.e. on Tuesday, May 14th.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the Show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's tent** at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets must be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 21st or the morning of the Show up to 9 o'clock, at which hour the gates will be closed, and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on May 24th, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Friday, May 17th.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed **FREE**.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, Buckingham Gate, S.W., and at Chiswick and the Crystal Palace; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, May 14th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the TEMPLE SHOW CATALOGUE 1901 may be booked at once to secure a good position.

Advertisement Office:—Royal Horticultural Society, 117 Victoria Street,
London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1901.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else).

(b) The Public, by purchased Tickets:—On Wednesday, May 22nd, from 12.30 to 7 p.m., 7s. 6d. On Thursday, from 9 a.m. to 7 p.m., 2s. 6d. On Friday, from 9 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Thursday. These tickets *can only be obtained* on or before May 20th *from the Society's Office*, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE, 4th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Recent Discoveries in Heredity" by Mr. W. Bateson, M.A., F.R.S.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JUNE 18th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "Gardening in the London Parks," by Mr. M. J. Wheatley.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

PLANTS, &c.

Certificated by the Royal Horticultural Society

FROM 1859 TO 1899 INCLUSIVE.

A Complete List of all the Plants, Flowers, Orchids, Ferns, Fruits and Vegetables,
 Certificated by the Society from the year 1859 to December, 1899.

PRICE 5s., POST FREE,

FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

TUESDAY, JULY 2nd (Drill Hall).

CLASS.

1A. New or Rare Plants and Flowers. *Open*.....*Certificates*.

2A. New or Rare Fruits and Vegetables. *Open*.....*Certificates*.

NOTA BENE.—With the exception of Plants, &c., shewn for Certificate, no other Plants or Groups, &c., except Roses may be exhibited at this Meeting. Exhibits of Groups of Roses outside the Schedule are invited.

ROSE SHOW.

(IN CONJUNCTION WITH THE NATIONAL ROSE SOCIETY.)

For Special Rules for Exhibitors, see R. H. S. 1899 Code of Rules for Judging, Section 118 et seq., and p. 77. Entries close on June 28th.

MIXED VARIETIES.

1. 24 Single trusses, distinct. *Open*.....First Prize, £3; Second, £2.

2. 18 Single trusses, distinct. *Amateurs*First Prize, £3; Second, £2.

3. 18 Single trusses, distinct. *Open*..First Prize, £2; Second, £1 10s.

4. 12 Single trusses, distinct. *Amateurs*First Prize, £2; Second, £1. (See note.)

5. 6 Single trusses, distinct. *Amateurs*First Prize, £1; Second, 15s. (See note.)

6. 9 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs*. First Prize, £1; Second, 15s.

7. 6 Single trusses of any one variety of H.P., H.T. or H.B. *Amateurs*. First Prize, 15s.; Second, 10s.

TEAS AND NOISETTES.

8. 18 Single trusses, not less than 12 varieties or more than 2 trusses of any one variety. *Amateurs* .. First Prize, £3; Second, £1 10s.

9. 18 Single trusses, distinct. *Open*.....First Prize, £2 10s.; Second, £1 10s.

10. 12 Single trusses, not less than 9 varieties or more than 2 trusses of any one variety. *Amateurs*First Prize, £1 10s.; Second, £1.

11. 6 Single trusses, not less than 4 varieties. *Amateurs*... First Prize, £1 ;
Second, 15s. (See note.)
12. 9 Single trusses of any one variety. *Amateurs* First Prize, £1 ;
Second, 15s.
13. 6 Single trusses of any one variety. *Amateurs* First Prize, £1 ;
Second, 15s.

GARDEN ROSES.

Exhibits to be staged in tubes, vases, boxes, or other receptacles : inside of tubes, &c., not to exceed 3 inches diameter at the top and all the stems to reach the water. Each variety in a separate receptacle. All Hybrid Perpetuals (except single-flowered varieties) excluded. All Teas and Noisettes and Hybrid Teas mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses also excluded. Moss, Provence, and other Summer-flowering Roses may be included.

14. 36 distinct varieties, not less than three trusses of each. *Open*. (*Space occupied by exhibit not to exceed 10-ft. by 3-ft.*)
First Prize, £3 ; Second, £2.
15. 18 distinct varieties, not less than three trusses of each. *Amateurs*
(*Space occupied by exhibit not to exceed 6-ft. by 3-ft.*)
First Prize, £1 10s. ; Second, £1.

NOTE.—Exhibitors may only compete in one of the Classes 1, 3 ; or 2, 4, 5 ; or 6, 7 ; or 8, 10, 11 ; or 12, 13. Further, Classes 4, 5 and 11 are reserved for growers of less than 1,000 Plants of varieties in the National Rose Society's Catalogue of *Exhibition Roses*.

The Prizes in the following Classes are contributed by the National Rose Society :—

EXHIBITION ROSES IN VASES.

MIXED VARIETIES.

CLASS.

16. 9 distinct varieties (to include not more than 4 varieties of Teas or Noisettes), seven trusses of each. All Roses mentioned in the National Rose Society's Catalogue of "GARDEN ROSES" to be excluded. (*Space occupied by exhibit not to exceed 5-ft. by 4-ft.*) Exhibits to be staged in nine vases. (*Open*)..... First Prize, £3 ;
Second, £2.
17. 6 distinct varieties (to include not more than 3 varieties of Teas or Noisettes), five trusses of each. All Roses mentioned in the National Rose Society's Catalogue of "GARDEN ROSES" to be excluded. (*Space occupied by exhibit not to exceed 3-ft. 6-in. by 4-ft.*) Exhibits to be staged in six vases. (*Amateurs*.) First Prize, £3 ; Second, £2.

TEAS AND NOISETTES.

18. 6 district varieties, seven trusses of each. All Roses mentioned in the National Rose Society's Catalogue of "GARDEN ROSES" to be excluded. (*Space occupied by exhibit not to exceed 3-ft. 6-in. by 4-ft.*) Exhibits to be staged in 6 vases. (*Open*)First Prize, £2 ;
Second, £1 10s.
19. 6 distinct varieties, five trusses of each. All Roses mentioned in the National Rose Society's Catalogue of "GARDEN ROSES" to be excluded. (*Space occupied by exhibit not to exceed 3-ft. 6-in. by 4-ft.*) Exhibits to be staged in six vases. (*Amateurs*)First Prize, £2 ;
Second, £1 10s.

N.B.—In Classes 16, 17, 18 and 19, the quality of the blooms will be the first consideration with the Judges.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Minute resemblances among Plants, a proof of the inheritance of acquired characters," by Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

MEETING of the COMMITTEES at CHISWICK, TUESDAY, JULY 16th.

CONFERENCE ON LILIES AT CHISWICK.

CLASS

1. New or Rare Plants and Flowers. *Open**Certificates.*
2. New or Rare Fruits and Vegetables. *Open**Certificate.*

MEETINGS.

- 11 a.m. Fruit, Floral and Orchid Committees meet.
- 1 p.m. Luncheon.
- 2 p.m. Conference.

The Programme of the Conference with names of Readers of Papers, &c., will be published later on.

WEDNESDAY, JULY 17th (Chiswick).

The Exhibition of the previous day will be continued.

TUESDAY, JULY 30th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*
3. Collection of Cactaceous Plants. *Amateurs..Prize, Silver Flora Medal.*

For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Some of the Plants exhibited," by Rev. Professor George Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, AUGUST 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Tender Plants for Outdoor Gardening," by Mr. Wm. Townsend.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, AUGUST 27th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall, on "Garden Manures," by Mr. F. J. Baker.
-

TUESDAY, SEPTEMBER 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Origin and Development of the Cactus Dahlia," by Mr. C. G. Wyatt.
-

TUESDAY, SEPTEMBER 24th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Roses for Autumn Blooms," by Mr. Arthur Wm. Paul.
 4 p.m. Scientific Committee, 117, Victoria Street, S.W.
-

THURSDAY, FRIDAY and SATURDAY, OCT. 10th, 11th, and 12th, 1901.

The Society will hold a **GREAT EXHIBITION** of **BRITISH-GROWN FRUITS** at the **CRYSTAL PALACE**

A Special Schedule of Prizes will be published in April, 1901, provided that £100 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture on "Hardy Fruits for Scotland,"—NORTH, by Mr. Donald Maclean—SOUTH, by Mr. James Day—CENTRAL, by Mr. Wm. Wright.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

CLASS

- ## MEETINGS.

- CLASS

- ## MEETINGS.

- CLASS

- MEETINGS.

- CLASS

- ## MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Election of New Fellows.
4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

1902.

TUESDAY, JANUARY 14th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 28th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Renovation of old
 Fruit Trees," by Mr. George Bunyard, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

**HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE
DRILL HALL.**

| | | | |
|---------------|--------------|---------------|--------------|
| January 15th | } 4 o'clock. | November 12th | } 4 o'clock. |
| " 29th | | " 26th | |
| February 12th | | December 17th | |
| " 26th | | January 14th | |
| March 12th | | " 28th | |
| October 29th | | | |

All other days, at the Drill Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 56 et seq.

(For Special Regulations for Temple Show, see p. 64.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." *See p. 15.*

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, *see p. 49.*

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple Show, *see p. 65.*

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the bona fide property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula and the Rose Shows—*see pp. 76, 77.*

A Special Schedule will be issued in April for the Crystal Palace Fruit Show, October 10th, 11th, and 12th.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 23rd, IN THE DRILL HALL.

(For List of Prizes See page 60.)

1. The prizes are open to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.

2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.

3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.

4. The Plants must be in the Drill Hall, Buckingham Gate, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.

5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.

6. Exhibitors in Class A may also compete in Class B, but not in C or D. Exhibitors in Class B may also compete in C or D, but not in both. Two only of the Classes B, C, D. Exhibitors may compete in two only of Classes K, L, M. Those who compete in T cannot do so in U.

7. In addition to the legible naming required by the 5th Condition, Exhibitors in this Class are invited to give the native country of species.

8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bond fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.

10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS
AT THE
ROSE SHOW, JULY 2ND.
(See R.H.S. 1899 "Code of Rules for Judging, &c.")

I. Exhibitors must give notice in writing of the Classes in which they intend to exhibit, to the Secretary, R.H.S., 117, Victoria Street, S.W., on or before Friday, June 28th, 1901.

II. Exhibitors will receive on the morning of the Exhibition cards numbered in order to distinguish their exhibits. These cards must be placed on or in front of the stands, previous to their being examined by the Judges.

III. No boxes will be received after *Half-past Eleven o'clock*, and everything must be ready for the Judges by *Twelve o'clock*.

IV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

V. The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand:—

HYBRID PERPETUALS.

| | | |
|------------------------|------------------------|----------------------|
| { Charles Lefebvre | { Eugénie Verdier | { Grand Mogul |
| { Marguerite Brassac | { Marie Finger | { Jean Souper |
| { Paul Jamain | | { La Rosière |
| { Comtesse de Choiseul | { Exposition de Brie | { Prince C. de Rohan |
| { Marie Rady | { Ferdinand de Lesseps | |
| { Duke of Wellington | { Maurice Bernardin | { Paul's Early Blush |
| { Rosieriste Jacobs | { Sir Garnet Wolseley | { Mrs. Harkness |

TEAS AND NOISETTES.

| | |
|--------------------|----------------------------|
| { Alba Rosea | |
| { Josephine Malton | { Souvenir de S. A. Prince |
| { Madame Bravy | { The Queen |
| { Madame de Sertot | |

The Climbing variety of any Rose cannot be shown in the same stand with it:—for instance, Climbing Devonensis cannot be shown in the same stand with Devonensis.

VI. All Roses exhibited in competition, must be from plants which have been grown by the Exhibitor for at least three months before the date of this Exhibition.

VII. All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. *Dressing Rose blooms so as to alter their character is prohibited; also the insertion of any additional foliage.*

VIII. The decision of the Judges shall be final, and they will have the power of withholding prizes should the exhibits be considered unworthy. The question of duplicates shall not be re-opened after the Judges have once given their award.

IX. Any Rose grower (whether a Fellow of the Royal Horticultural Society or not) may compete for the prizes mentioned on p. 68.

X. No person shall be allowed to compete as an Amateur who sells Rose Plants or Rose Blooms, nor any person in the employ of a Nurseryman.

XI. Hybrid Teas cannot be shown in the Classes set apart for Teas and Noisettes, but may be shown amongst H. P.'s or in mixed classes.

N.B.—Particular attention is requested to Regulation III., which will be rigidly enforced.

The Exhibition will be open free to Fellows of the Royal Horticultural Society at One o'clock; and to the Public on payment of One Shilling, at Two o'clock. The Exhibition will close at Five p.m., at which hour the boxes may be removed.

Boxes to be painted dark green; height 4 inches in front. The blooms to be shown on Green Moss or other suitable material.

Entries close on Friday, June 28th, 1901.

ESTABLISHED
A.D. 1804.



INCORPORATED
A.D. 1809.

THE

ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.

PATRON.

Her Gracious Majesty Queen Alexandra.

ARRANGEMENTS

FOR THE YEAR

➤ * 1902. * ➤

Telegrams: "HORTENSIA, LONDON."



LONDON:

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

BY

SMITH & EBBES, LIMITED, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.

All applications for space for Advertisements in the Society's Publications must be made to the SECRETARY, 117, VICTORIA STREET, LONDON, S.W.

THOMSON'S

NONE IS
GENUINE
THAT DOES
NOT BEAR
OUR NAME
ON THE
SACKS.

VINE, PLANT, and VEGETABLE MANURE.

This Valuable Manure is yearly
growing in Public favour.

Indispensable to all Horticulturists
who wish the best cultural
results.

THE RESULT OF MANY
YEARS' PRACTICAL
EXPERIENCE.

So compounded as to combine Stimula-
ting with LASTING EFFECTS . . .

Awarded ONLY MEDAL for Artificial Manures at Edinburgh International
Exhibition, 1886,
and GOLD MEDAL at Edinburgh International Show, Sept., 1891.

This Manure is a safe and certain FOOD and STIMULANT for every fruit-bearing
Plant, from the VINE downwards, as well as for Pot Plants, Out-door Plants
and Vegetables.

ALSO,

THOMSON'S SPECIAL TOP-DRESSING MANURE.

To be used as an additional Stimulant
during the growing Season for
Chrysanthemums and other Plants.

Perfect Plant Foods & Stimulants.
Largely used at Home & Abroad.

CAN BE HAD OF ALL NURSERYMEN AND SEEDSMEN.

Agent for London—JAS. GEORGE, 14, Redgrave Road, Putney.

Sole Agents for Channel Islands—PARSONS & Co., LTD., Market Place, Guernsey.

For Prices, Testimonials, and Directions apply to the SOLE Makers—

WM. THOMSON & SONS, Ltd.,

TWEED VINEYARD,
CLOVENFORDS, Galashiels, N.B.

R.H.S. Advertisement Office:—117, VICTORIA STREET, LONDON, S.W.

1902-1903.
COUNCIL AND OFFICERS
 OF THE
Royal Horticultural Society.

OFFICES:

117, VICTORIA STREET, WESTMINSTER, S.W.

TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.

HER MOST GRACIOUS MAJESTY QUEEN ALEXANDRA.

PRESIDENT.

SIR TREVOR LAWRENCE, BART., V.M.H.

VICE-PRESIDENTS.

The Right Hon. JOSEPH CHAMBERLAIN, M.P.

The Right Hon. The EARL OF DUCIE.

The Right Hon. LORD ROTHSCHILD.

Baron Sir HENRY SCHRÖDER, Bart., V.M.H.

Sir FREDERICK WIGAN, Bart.

TREASURER.

J. GURNEY FOWLER.

COUNCIL.

J. T. BENNETT-POE.

REV. H. A. BERNERS, M.A.

GEO. BUNYARD, V.M.H.

CAPT. G. L. HOLFORD, C.I.E.,
M.V.O.

JAMES HUDSON, V.M.H.

THE EARL OF ILCHESTER.

FREDERICK LLOYD, J.P.

SIR JOHN T. D. LLEWELYN, Bart.

W. MARSHALL.

HENRY B. MAY.

ALFRED H. PEARSON.

CHARLES E. SHEA.

HARRY J. VEITCH, F.L.S.

AUDITOR.

ALFRED C. HARPER (Messrs. Harper Bros., Chartered Accountants).

PROFESSOR OF BOTANY.

REV. G. HENSLOW, M.A., V.M.H.

CONSULTING CHEMIST.

DR. A. VOELCKER, M.A.

FOREIGN CORRESPONDING SECRETARY.

MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.

REV. W. WILKS, M.A.

GARDEN SUPERINTENDENT.

S. T. WRIGHT.

CASHIER.

FRANK READER.

ASST. SUPERINTENDENT.

T. HUMPHREYS.

CLERKS.

H. R. HUTCHINSON.

W. H. PLOWMAN.

G. WILLIAMS.

BANKERS.

LONDON AND COUNTY BANKING COMPANY (Westminster Branch).

A Complete List of Fellows to January 1st, 1902, is published with the Report of the Council, and Balance Sheet.

TABLE OF CONTENTS.

| | PAGE |
|--|------|
| GENERAL NOTES ON THE SOCIETY | 3 |
| ELECTION AND PRIVILEGES OF FELLOWS | 6 |
| COMMUTATION OF SUBSCRIPTIONS | 7 |
| AFFILIATION OF LOCAL SOCIETIES | 8 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 10 |
| CHISWICK GARDENS | 11 |
| TRIALS AT CHISWICK IN 1902 | 14 |
| QUANTITIES OF SEEDS, &c., TO BE SENT | 15 |
| RAILWAYS TO CHISWICK, AND HOW TO GET THERE ... | 16 |
| STUDENTS AT CHISWICK | 19 |
| EXAMINATION IN HORTICULTURE | 21 |
| CHEMICAL ANALYSIS PRIVILEGES | 26 |
| THE JOURNAL OF THE SOCIETY | 34 |
| THE LINDLEY LIBRARY | 41 |
| SCIENTIFIC COMMITTEE | 44 |
| FRUIT AND VEGETABLE COMMITTEE | 46 |
| FLORAL COMMITTEE | 47 |
| ORCHID COMMITTEE | 48 |
| NARCISSUS AND TULIP COMMITTEE | 49 |
| REGULATIONS FOR EXHIBITORS | 50 |
| THE SHERWOOD SILVER CUP | 55 |
| MEETINGS AND LECTURES IN 1902 | 56 |
| AURICULA AND PRIMULA SHOW | 61 |
| TULIP SOCIETY'S SHOW | 63 |
| TEMPLE SHOW, 1902, NEW RULES FOR | 66 |
| ROSE CONFERENCE AND SHOW | 72 |
| CARNATION SOCIETY'S SHOW | 79 |
| DAHLIA SOCIETY'S SHOW | 91 |
| RULES FOR COMPETING FOR PRIZES | 97 |
| RULES FOR AURICULA AND PRIMULA SHOW | 98 |
| RULES FOR ROSE SHOW | 99 |
| RULES FOR CARNATION SHOW | 101 |
| RULES FOR DAHLIA SHOW | 102 |
| ADVERTISEMENTS. | |

1902-1903.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON"

ESTABLISHMENT.

1. The Society was established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. It was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third. It is composed of Fellows, and of Honorary, and Corresponding Members; and its affairs are managed by a President and Council of fifteen Members elected annually from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (*See pages 11—17.*)

3. They are devoted to the culture of Fruits, Vegetables, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments and trials are made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results are published in the Society's *Journal*.

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the alternate Tuesdays* throughout the year in the **Drill Hall** of

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

the London Scottish R.V., **Buckingham Gate, Victoria Street, Westminster**, (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores). Fellows of the Society are admitted free, at 1 o'clock, and the Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. The Lectures are published in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices and Library of the Society are situated at **117, Victoria Street, Westminster**, where also is kept the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. The libraries, containing upwards of 4,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See page 41*).

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last century. The *Journal* is regularly forwarded post free to all subscribing Fellows, (and to such Honorary and Life Fellows as make written application for it.) It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports

of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (*See* page 34).

INSPECTION OF GARDENS.

9. Fellows desiring to have their Gardens examined can obtain a thoroughly competent Inspector from the Society, who will report and advise at the following cost, viz:—a Fee of £2 2s. for one day (or £3 3s. for two days) together with all out of pocket expenses. No inspection may take up more than two days.

INFORMATION.

10. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

11. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present about 5,500 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND

TERMS OF SUBSCRIPTION

TO THE

Royal Horticultural Society.

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained from the Office, 117, Victoria Street, Westminster. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 7), is entitled—

- 1.—To **One** Non-transferable (personal) Pass and **Five** Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, &c., as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A. B. C. Railway Guide), are entitled to a double share. For any Fellow living abroad instead of a share in the surplus plants the Council will endeavour to obtain any rare seeds not easily obtainable in the country the Fellow resides in.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following Fees:—One day £2 2s., Two days £3 3s., *plus* all out of pocket expenses. (*See* page 5).
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 10.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To **One** Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **ONE** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bona fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION OF LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase at cost price Silver and Bronze Medals, Cards for Commendation &c.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase, at cost price, Silver and Bronze Medals, Cards for Commendation &c.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

Price of Medals to Affiliated Societies.

NEW MEDAL.

| | | | | | |
|-------------|-----|---------------|-----|-----|------|
| Silver Gilt | ... | } with Case } | ... | ... | 16/6 |
| Silver | ... | | ... | ... | 12/6 |
| Bronze | ... | | ... | ... | 5/6 |

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application through the *Secretary of their own Society* (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1901.

AFFILIATED SOCIETIES.

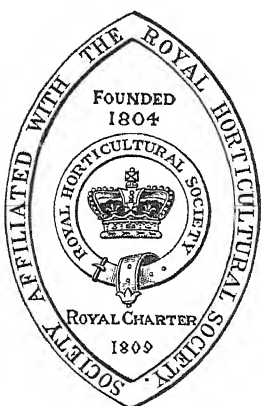


FIG. 1.

A wish having been expressed by some of the societies which are affiliated to the Royal Horticultural Society that they may be provided with a distinctive badge as the outward symbol of their affiliation, the Council have caused one to be prepared (Fig. 1), which may be used by Affiliated Societies, on letter paper, schedules, &c., as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____ Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the _____ *Society.*

A very appropriate Card has also been designed for the sole use of Affiliated Societies. The centre of the Card is blank so that it can be used for Certificates, Awards, Commendations, &c., at pleasure, the few necessary words of printing being easily supplied locally.

The Council have further struck an entirely new Medal, Fig. 2, to meet the constant requirements of Affiliated Societies. It can be obtained in Gold, Silver Gilt, Silver and Bronze, and is reserved for the use of Affiliated Societies only.



FIG. 2.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 8.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

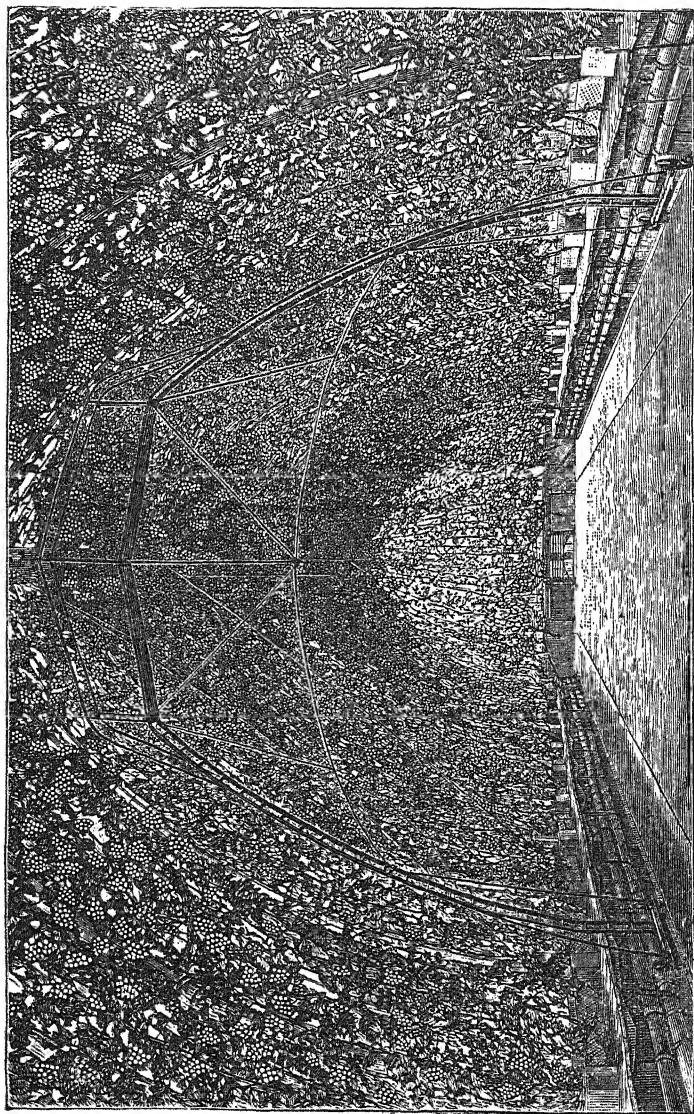
1902-1903.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have given careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

One of the largest houses, No. 6, is devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See page 14*).

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Cannas, Phloxes, Herbaceous Pæonies, Iris, Perennial Asters, Ivies, Early and Late Chrysanthemums, Cape and Zonal Pelargoniums are very extensive. A large number of Carnations have been planted. Hybrid Tea and China Roses, and Delphiniums, as well as the subjects mentioned on page 14, will receive special attention this year.

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK, 1902-1903.

MICHAELMAS DAISIES.—Two plants of each should be sent.

PERENNIAL SUNFLOWERS.—Two plants of each should be sent.

PHLOX DECUSSATA.—Two plants of each variety should be sent on or before March 1.

GERMAN OR FLAG IRISES.—Two plants of each should be sent.

NEW CANNAS.—One plant of each should be sent on or before February 1.

PEAS.—Any *New* varieties.—Half a pint of each should be sent.

POTATOS.—Any *New* varieties. 20 Tubers of each to be sent by February 1.

TOMATOS.—Any *New* Varieties. 20 seeds of each.

All of the above should be sent addressed to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN
REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half
a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoy,
Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce,
Onions, Radish, Parsley—Half an ounce of each.

Potatos—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

Flower Seeds—Sufficient of each variety to ensure a fair trial.

LINDLEY LIBRARY CATALOGUE.

A Complete Guide to the Library

AND

A BIBLIOGRAPHY OF GARDENING.

PRICE, POST FREE, 2s. 6d.

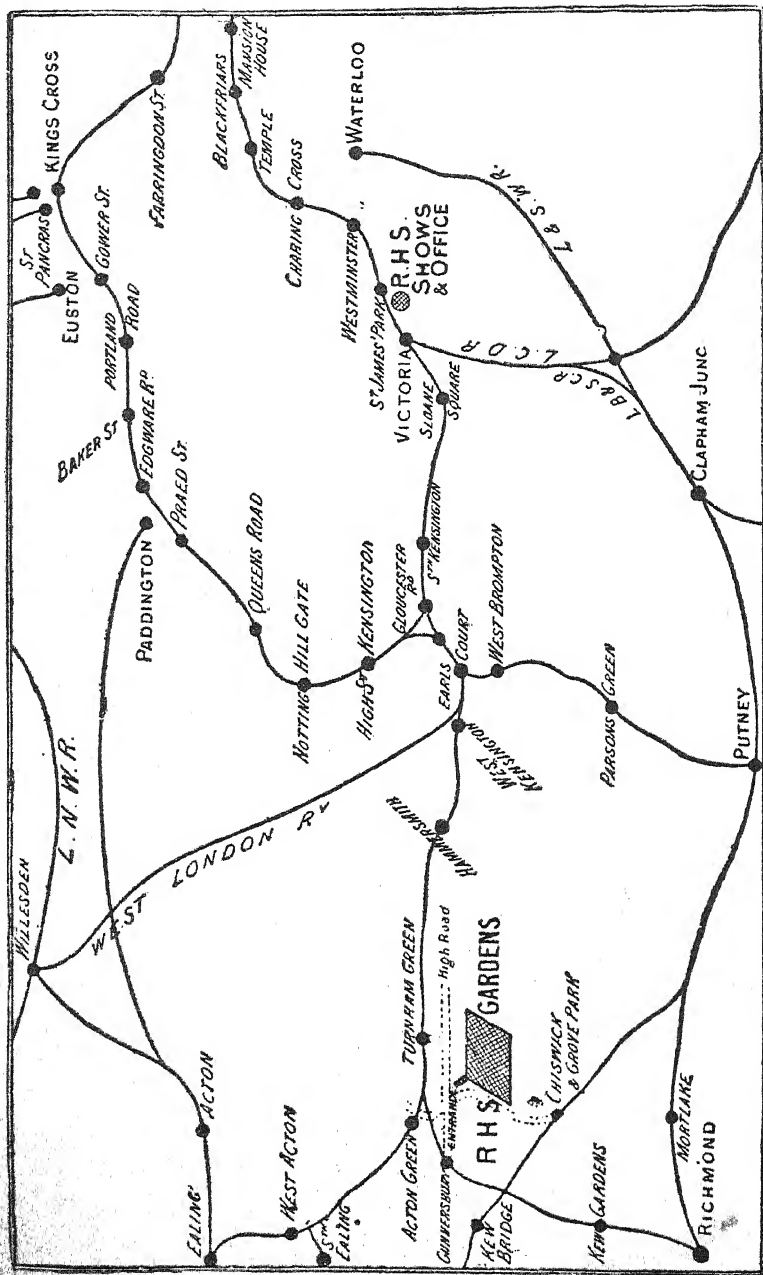
From R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

JUDGING RULES.

These Rules, which are known as the "R. H. S. 1899 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors," have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of all Horticultural Societies.

PRICE, POST FREE, 1s. 6d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.



DIRECTIONS
TO
FELLOWS OF THE SOCIETY AND OTHERS
WISHING TO VISIT THE
SOCIETY'S GARDENS AT CHISWICK
(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by the Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. *Omnibuses and Tram Cars*.—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS, CHISWICK.

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnersbury and Turnham Green Railway Stations).*

ON showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket ; or by payment of, on ordinary days, Sixpence, on Show days, One Shilling, or such other payment as the Council may from time to time appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset. On Sundays and Public Holidays the Gardens are closed.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS, CHISWICK.

The Society admits a limited number of young men to study Gardening in their Gardens at Chiswick. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students at Chiswick are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, 117, Victoria Street, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission to Chiswick Gardens is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Chiswick, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Assistant-Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1891.
F. S. HARRIS, 1891.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIENT, 1896.
A. THEAKSTONE, 1896.
E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.
A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
F. COLE, 1898.
H. P. GLAISTER, 1898.
P. BRUANT, 1898.

V. GLEEVES, 1899.
J. ETHERINGTON, 1899.
F. G. STORRS, 1899.
G. PYMAN, 1899.
A. G. MACWHITTER, 1899.
H. A. BURDETT, 1899.
E. RODIGAS, 1899.
A. M. HORDE, 1899.
H. C. CHAPELOW, 1899.
E. M. BEAR, 1899.
H. MISVAER, 1900.
E. EDWARDS, 1900.
H. BROAD, 1900.
C. CAREY, 1900.
C. GLEED, 1900.
S. P. JACKSON, 1900.
G. STAPLES, 1900.
B. SMITH, 1900.
K. G. BURBIDGE, 1900.
F. CURTIS, 1901.
H. F. ROBSON, 1901.
C. H. BUCK, 1901.
L. GOFFIN, 1901.

Mr. Tinley, Mr. Gleed, Mr. Langford and Mr. Bertram Smith having been awarded Scholarships in connection with the Worshipful Company of Gardeners were on Friday, June 28th, 1901, admitted to the Freedom of the Company and presented with the Company's Certificate.

EXAMINATION IN HORTICULTURE,

1902.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 23rd, 1902. In 1903 the Examination will be held about the last week in February.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad: their Mineral Composition; Chemical Nature of Fertilisers and their respective values.
- (2) The Physiological values of Water, Heat, and Air in Plant Growth.
- (3) The Structure of Seeds and their Modes of Germination; the Chemical Phenomena of Germination; the Movements of Seedlings and the uses of them.
- (4) The Functions of Roots; their Anatomical Structure; Hindrances to Healthy Root-action and their remedies.
- (5) The Uses of Stems and Branches; the Anatomical Structure of ordinary Dicotyledonous and of a Monocotyledonous Stem.
- (6) The Physiological Functions of Leaves, and the Action of Light upon them.
- (7) The Structure of Tubers and other Subterranean Stems; the Structure of Bulbs and Buds; the General Phenomena of Vegetative Multiplication.
- (8) The Physiological Processes undergone in Growth and Development; the Structure of an Active Cell, and the process of Cell division and the formation of Tissues.
- (9) The Structure of Flower-buds and of Flowers; the Methods of Pollination, Natural and Artificial.

- (10) The Process of Impregnation of the Ovule, and the Formation of Embryo and Endosperm.
- (11) The Classification and Description of Fruits; the Changes and Development during Ripening.
- (12) The General Characters of the Commoner Families of Plants in Cultivation.
- (13) The Origin of Species.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening: Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods: Digging and Treuching; Draining; Hoeing, Stirring the Soil, and Weeding; Watering; Preparation of Seed Beds; Rolling and Raking, Sowing, Transplanting and thinning; Potting, Planting: Aspects, Positions and Shelter; Staking; Earthing and Blanching, &c.
- (5) Propagation, Elementary principles: Cuttings, Buddings and Grafting, Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works:—

Primer of Botany, by Sir J. D. Hooker, K.C.S.I., (MacMillan & Co., 30, Bedford Street, W.C.) 1/-. .

Elementary Botany, by Professor Percy Groom, (Bell & Sons, Covent Garden). 3/6

Elementary Botany, by J. W. Oliver, (Blackie & Sons, 50, Old Bailey, E.C.) 2/-.

- Botany for Beginners**, by Professor Henslow, (Stanford) 2/6.
- Floral Dissections**, by Professor Henslow, (Stanford) 4/-.
- How to Study Wild Flowers**, by Professor Henslow, (R.T.S.) 2/6.
- Structural Botany** (Flowering Plants), by Dr. D. H. Scott, (A. & C. Black, Soho Square, W.C.) 3/6.
- Plant Life**, by Dr. M. T. Masters, F.R.S., (Vinton & Co., 9 New Bridge Street, E.C.) 2/6.
- Plant Breeding**, by Professor L. H. Bailey, (MacMillan & Co.) 4/.
- Elements of Agriculture**, by W. Fream, LL.D., (J. Murray, Albemarle Street, W.) 3/6.
- Primer of Horticulture**, by J. Wright, V.M.H., (MacMillan & Co.) 1/-.
- Physiology of Plants**, by Dr. Paul Sorauer, (Longmans, Green & Co., 39, Paternoster Row, E.C.) 9/-.
- Chemistry of the Garden**, by H. Cousins, (MacMillan & Co.) 1/-.
- Diseases of Plants**, by Professor H. Marshall Ward, (S.P.C.K., Northumberland Avenue, W.C.) 2/6.
- Profitable Fruit Growing**, by J. Wright, V.M.H., (Journal of Horticulture, 12, Mitre Court Chambers, E.C.) 1/3.
- Art of Budding and Grafting**, by C. Baltet, (Crossby Lockwood, Stationers' Hall Court, E.C.) 2/6.
- Pruning**, by Professor L. H. Bailey, (MacMillan & Co.) 5/.
- Natural History of Plants**, 2 Vols., by Kerner & Oliver, (Blackie & Son) 50/-.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is 2½ hours, the hour fixed being generally from 7 to 9.30.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticultural Operations and Practice." It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 200 Marks and over will be placed in the **FIRST CLASS**. Those gaining 150 to 200 will be placed in the **SECOND CLASS**, and those gaining between 100 and 150 will be placed in the **THIRD CLASS**. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at **least ten days** before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give the information asked for on the enclosed coloured form.

12. A small capitation fee of 3s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. **N.B.**—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

SCHOLARSHIPS.

SIR TREVOR LAWRENCE, Bart., President of the Society, and Master of the Worshipful Company of Gardeners, very kindly offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society in 1894, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

A similar Scholarship was presented by Baron SCHRÖDER, V.M.H., after the 1895 examination.

The Worshipful Company of Gardeners continued this Scholarship to the end of 1896.

Another similar Scholarship was given after the 1897 examination by N. N. SHERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners.

Another was given for 1898-9 by G. W. BURROWS, Esq., a member of the Court of the same Worshipful Company of Gardeners.

Another was given for 1899-1900 by the Right Hon. the LORD AMHERST, who presents it also through the Gardeners' Company.

Another was given for 1901 by HENRY WOOD, Esq.

And another is promised for 1902 by F. G. IVEY, Esq., Member of the Court of the Worshipful Company.

SCHOLARS :—

| | | |
|---------------|-----|----------------------|
| 1894-5-6 ... | ... | MR. W. N. SANDS. |
| 1895-6-7 ... | ... | MR. G. F. TINLEY. |
| 1897-8-9 ... | ... | MR. H. S. LANGFORD. |
| 1898-9 ... | ... | MISS HARRISON. |
| 1899-1900 ... | ... | MR. C. J. GLEED. |
| 1900-1 ... | ... | MR. B. SMITH. |
| 1901 ... | ... | MR. CHARLES H. BUCK. |
| 1901-2 ... | ... | MR. L. L. GOFFIN. |

If the student who is at the head of the examination is for any reason unable or unwilling to accept the Scholarship it is then offered to the next highest on the list, and so on throughout the First Class. And in case of two or more eligible students being adjudged equal marks, the Council reserve to themselves the right to decide which of them shall be presented to the Scholarship.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use, and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples, are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made.

No.

- | | |
|---|-----------------|
| 1. - An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2.—An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3. - An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4.—An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5.—An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6.—An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7.—Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8.—An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. | from 10s. to £1 |
| 9.—An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10.—Partial analysis of a soil, including determinations of clay, sand, organic matter, and carbonate of lime | 10s. |
| 11.—Complete analysis of a soil | £3 |
| 12.—Analysis of any vegetable product | 10s. |
| 13.—Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14. - Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15.—Analysis of water used for domestic purposes | £1 10s. |
| 16.—Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analyses must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c., (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed on next page and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 30 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, &C.

Address

To

Date

Please supply me for delivery

Tons Cwt. of

At per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, etc. to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertilizer not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *scaled* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 26.

PLANTS, &c.,

CERTIFICATED BY THE

Royal Horticultural Society,

FROM 1859 TO 1899 INCLUSIVE.

A Complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the Year 1859 to December, 1899.

Price 5s., post free,

FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

"JOURNAL"

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall.)

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 90 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., 1866, part 1, 82 pages, 2s. 6d.

Vol. I., 1866, part 2, 62 pages, 2s. 6d.

Vol. I., 1866, part 3, 64 pages, 2s. 6d.

Vol. III., 1873, parts 11 and 12, 200 pages, 4s.

[There is only one copy of each of the foregoing left on Sale.]

- Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebennoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., part 1, 1868, 64 pages. G. Gasparini on the Ripening of Figs; Terrestrial Orchids; Forcing Lilies of the Valley; Forms of Canker, by the late Rev. M. J. Berkeley, M.A., F.L.S., &c. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. V., 1878-79, part 5. Filberts; Savoy; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; To Fellows, 1s.; non-Fellows, 1s. 6d.
- Vol. VI., 1880, 168 pages. Proceedings of the Society, 1s.
- Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, &c. To Fellows, 2s.; non-Fellows, 4s.

Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, etc. To Fellows, 2s. ; non-Fellows, 5s.

Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference** : Papers on Asparagus, Winter Salads, Peas, Potatoes, &c. ; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c. ; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s. ; non-Fellows, 5s.

Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, &c. To Fellows, 2s. ; non-Fellows, 5s.

Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferae, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d. ; Non-Fellows, 15s. 6d.

Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c. ; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s. ; non-Fellows, 4s.

Vol. XV., parts 2 and 3, January, 1893, 400 pages. Report of the **Begonia Conference**; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. The effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs; The "Larch Disease;" "Forest Trees for Commercial Purposes;" "The Utilization of Waste Ground unsuitable for Agriculture;" "The General Management of Woods"—**Conference on British Grown Fruit**; "Fruit Growing, in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants;

Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows. 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show**, Report. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy Summer Flowers; Chrysanthemums; Seed-Growing, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen; Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.

Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California; Orchids in Guiana; Professor Henslow on Plants;

Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Examination; Apples and Pears for Flavour. To Fellows, 2s. 6*d.*; non-Fellows, 5s.

Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; Onions; Tomatos. To Fellows, 2s. 6*d.*; non-Fellows, 5s.

Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6*d.*; non-Fellows, 5s.

Vol. XXIII., part 1, July, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Professor Henslow on Plants; Asparagus; Alpine Floras of Britain and Switzerland; Onions; Examination in Horticulture. To Fellows, 2s. 6*d.*; non-Fellows, 5s.

Vol. XXIII., part 2, November, 1899, 190 pages. Light and Heat; Rock Gardens and Streams and Plants for them; Movements of Plants; Fertilisation by Insects, &c.; Dispersal of seeds; Pruning; Drought of 1898; Plant Manures; Fruit Stations; open air Vines; Dahlias. To Fellows, 2s. 6*d.*; non-Fellows, 5s.

Vol. XXIII., part 3, August, 1900, 292 pages. **Crystal Palace Fruit Show**; Scale and Mealy Bug; Growth of the Fruit Trade; Professor Henslow on Plants; Fruit Growing in South Wales; Experiments in Potato Growing; Examination Questions, 1893-1900; Chrysanthemums; Cabbages; Brussels Sprouts; Kales; Black Currant Mite; Prunes; Alpine Plants; Vines in the Open Air; Meteorology at Chiswick; Charters and Bye-Laws. To Fellows, 2s. 6*d.*; non-Fellows 5s.

Vol. XXIV., April, 1900, 348 pages. Contains a full Report of the **Conference on Hybridisation**; Hybridisation and Cross-Breeding as a Method of Scientific Investigation; Fertilization of Anthuriums; Hybridising of Monstrosities; Hybridisation and its Failures; Experiments in Hybridisation and Cross-Breeding; Work of the United States Department of Agriculture on Plant Hybridisation; The Structure of Certain New Hybrids; Hybridisation viewed from Systematic Botany; Hybrid Poppies, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXV., parts 1 and 2, November, 1900, 362 pages. Ornamental Trees and Shrubs; Evolution of Plants; Narcissi; Problems in Heredity; Aquatic plants; Protoplasm and Evolution; Phenomena of Germination; Uses of Leaves; Roses; Lilies; Cherries and Plums in pots; Melons; Montbretias and Crocosmias; Strawberry Mildew; Diseases of Gooseberries; Saving the Rain; Reports on trials at Chiswick, &c., &c. Price to Fellows, 4s.; non-Fellows 7s. 6d.

Vol. XXVI., parts 1 and 2, August, 1901, 388 pages, 154 Illustrations. Mendel's Experiments in Hybridisation; Woad; Snowdrop Disease; Wild Gardens; Fumigation for Insects and Diseases; Bulbiform Seeds; Hybrid Conifers; Making and Un-making of Flowers; Construction of a Verandah; Inconspicuous Orchids; Fasciation; Improving Wild Plants; Alpines on Walls; Notes on Recent Research; Abstracts &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., part 3, December, 1901, 444 pages, 115 Illustrations. The Royal Parks; Propagation without Seeds; Awakening of Buds and Sleeping of Leaves; How Plants Climb; London Fog Injuries; Oncocyclus Irises; Mimicry in Plants; **Lily Conference Report**; Vine Culture for Wine; Iris Leaf Disease; Dye Plants; Tender Plants Outdoors; Garden Manures; Cactus Dahlias; Autumn Roses; Flowers and Fruits in Queensland; Violet Disease; Notes on Recent Research; Abstracts, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POË, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (J. GURNEY FOWLER, Esq.).

THIS magnificent Horticultural Library, with which the Society's Library is incorporated, consists of about 4,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and has recently been issued. About £130 has so far been subscribed towards the cost of producing it, but this does not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees. *See* p. 15.

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue, will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained; *see* p. 15.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, p. 56, *et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society, for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1902-1903.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale.

VICE-CHAIRMAN.

FOSTER, Sir MICHAEL, K.C.B., V.M.H., M.P., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.
THISELTON-DYER, Sir WILLIAM T., K.C.M.G., F.R.S., Kew.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., V.M.H., F.L.S., 80, Holland Park, W.

BAKER, F. J., A.R.C.S., Shipley Hills, Meopham.
BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.
BALFOUR, Prof. I.B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.
BATESON, W., F.R.S., Merton House, Grantchester, Cambs.
BENNETT, A. W., F.L.S., 6, Park Village East, N.W.
BENNETT-POË, JOHN T., 29, Ashley Place, Westminster.
BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.
BOULGER, Professor G. S., 3, The Vineyard, Richmond, Surrey.
BOWLES, E. AUGUSTUS, Myddelton House, Waltham Cross.
BROWN, Dr. HORACE, F.R.S., 52, Nevern Sqr., Kensington, S.W.
BURBIDGE, F.W., M.A., V.M.H., Trinity College Gardens, Dublin.
CHAMPION, G. C., Horsell, Worthing.
CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell, S.E.
CHITTENDEN, F. J., Technical Laboratory, Chelmsford.
CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.
COOKE, M. C., M.A., LL.D., 53, Castle Road, Kentish Town, N.W.
DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.
DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.
DOUGLAS, JAMES, V.M.H., Great Bookham, Surrey.
DRURY, C. T., F.L.S., 11, Shaa Road, Acton, W.
DUNCAN, F. MARTIN, 1, Crescent Road, South Park, Reigate.
ELLACOMBE, Rev. Canon, Bitton, Bristol.
ELWES, H. J., F.R.S., V.M.H., Colesborne, Andoversford, Glos.
ENGLEHEART, Rev. G. H., M.A., V.M.H., Appleshaw, Andover.
FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

- GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.
 GORDON, GEORGE, V.M.H., Endsleigh, Priory Park, Kew.
 GROOM, Professor PERCY, F.L.S., Hollywood, Egham.
 HARTOG, Professor, D.Sc., M.A., Queen's College, Cork.
 HOLMES, E. MORELL, F.L.S., Ruthven, Sevenoaks.
 HOOPER, CECIL, Highlands, Swanley.
 HOUSTON, D., F.L.S., Technical Laboratory, Chelmsford.
 HURST, Captain C., Burbage Grove, Hinckley.
 IM THURN, E. F., C.B., 23, Edwardes Square, Kensington, W.
 LINDSAY, R., Murrayfield, N.B.
 LLEWELYN, Sir J. T. D., Bart., F.L.S., Penllergaer, Swansea.
 LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.
 MASSEE, GEORGE, F.L.S., Gateacre, Sandycombe Road, Kew.
 MAWLEY, ED., Rosebank, Berkhamsted.
 MC LACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.
 MICHAEL, A. D., F.L.S., Cadogan Mansions No. 9, Sloane Sq., S.W.
 MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural
 Department for the West Indies, Barbados.
 MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.
 MURRAY, GEORGE, F.R.S., Natural History Museum, S.W.
 NEWSTEAD, ROBERT, F.E.S., Grosvenor Museum, Chester.
 NICHOLSON, GEO., V.M.H., 35, Larkfield Road, Richmond.
 O'BRIEN, JAMES, V.M.H., Harrow-on-the-Hill.
 ODELL, J. W., The Grove, Stanmore, Middlesex.
 OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.
 PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.
 RENDLE, Dr. A. B., Natural History Museum, S.W.
 RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.
 SALMON, ERNEST S., Charlton House, Kew.
 SAUNDERS, GEO. S., 20, Dents Road, Wandsworth, S.W.
 SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace,
 Richmond, S.W.
 SCOTT-ELLIOT, Prof. G. F., M.A., B.Sc., F.L.S., Ainslea, Scots-
 townhill, Renfrewshire.
 SHEA, CHARLES E., The Elms, Foots Cray, Kent.
 SMITH, WILLIAM G., Ph.D., Yorkshire College, Leeds.
 SMITH, WORTHINGTON G., F.L.S., 121, High Street, Dunstable.
 SUTTON, A. W., V.M.H., F.L.S., Reading.
 VEITCH, H. J., F.L.S., 34, Redcliffe Gardens, South Kensington.
 WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.
 WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.
 WILSON, GEO. F., F.R.S., V.M.H., Heatherbank, Weybridge Heath.
 WORSDELL, W. C., Jodrell Laboratory, Royal Gardens, Kew.
 WORSLEY, A., Mandeville House, Isleworth.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1902-1903.

CHAIRMAN.

BUNYARD, GEO., V.M.H., Maidstone, Kent.

VICE-CHAIRMEN.

BALDERSON, H., Corner Hall, Hemel Hempstead.

PEARSON, A. H., The Gables, Hucknall Road, Nottingham.

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., The Gardens, Cross Deep, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

BLAKER, Dr. E. S., The Cedars, East Grinstead.

CHEAL, JOSEPH, Lowfield, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

ESLING, H., Hillview, Croft Road, Carshalton.

FYFE, W., Lockinge Park Gardens, Wantage.

GLEESON, M., Warren House Gardens, Stanmore.

GOODACRE, J. H., Elvaston Castle Gardens, Derby.

IGGULDEN, W., North View, Frome, Somerset.

JAQUES, J., Waddesdon Manor Gardens, Aylesbury.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., Berkhamsted.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

MCINDOE, JAMES, V.M.H., Hutton Hall Gardens, Guisborough.

MILES, G. T., Wycomb Abbey Gardens, High Wycomb.

MORTINER, S., Rowledge, Farnham, Surrey.

NIX, CHARLES G. A., Tilgate, Crawley.

NORMAN, G., V.M.H., Hatfield House Gardens, Hatfield.

PARKER, R., Goodwood Gardens, Chichester.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton, W.

RIVERS, H. SOMERS, Sawbridgeworth.

SMITH, JAMES, V.M.H. The Gardens, Mentmore, Leighton Buzzard.

THOMAS, OWEN, V.M.H., 25, Waldeck Road, Ealing.

VEITCH, J. H., King's Road, Chelsea.

VEITCH, P. C. M., J.P., New North Road, Exeter.

WARD, A., The Gardens, Godinton, Ashford, Kent.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court Gardens, Teston, Maidstone.

WRIGHT, H. J., 32, Dault Road, Wardsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

FLORAL COMMITTEE, 1902-1903.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMEN.

PAUL, GEORGE, V.M.H., Cheshunt.

SHEA, CHARLES E., The Elms, Foots Cray.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTRUSH, H. J., Highgate, N.

CUTHBERTSON, W., Orpington.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DIXON, C., Holland House Gardens, Kensington.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, 4, Willow Cottages, Kew.

GORDON, G., V.M.H., Endsleigh, Priory Park, Kew.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal, Slough.

JEFFRIES, C., Boston House Gardens, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

KNOWLES, C. W., Bagshot Park Gardens, Bagshot.

MCLEOD, J., Dover House Gardens, Roehampton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Park, Bishop's Waltham.

NICHOLSON, G., V.M.H., 35, Larkfield Road, Richmond.

NIX, JOHN ASHBURNER, Tilgate, Crawley.

NOTCUTT, R. C., Woodbridge, Suffolk.

PAGE-ROBERTS, Rev. F., Halstead Rectory, Sevenoaks, Kent.

PEARSON, C. E., Lowdham, Nottingham.

REUTHE, G., Wensleydale, Hanworth Road, Feltham, Middlesex.

SALTER, C. J., Woodhatch Gardens, Reigate.

SELFE-LEONARD, H., Hitherbury, St. Catherine's, Guildford.

THOMSON, W. P., 25, Bollo Lane, Chiswick, W.

TURNER, H., V.M.H., Slough.

WALKER, J., Ham Common, Surrey.

WALLACE, R. W., Kilnfield, Colchester.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

ORCHID COMMITTEE, 1902-1903.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

VICE-CHAIRMEN.

FOWLER, J. GURNEY, Glebeland, Woodford.

LAWRENCE, Sir TREYOR, Bart., V.M.H., 57, Princes Gate, S.W.

SCHRÖDER, Baron, V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHTON, F. W., Southgate, N.

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALFOUR, Prof. BAYLEY, F.R.S., V.M.H., Edinburgh.

BALLANTINE, H., The Dell Gardens, Staines.

BILNEY, W. A., Fir Grange, Weybridge.

BOND, T. W., Elstead House Gardens, Godalming.

BOXALL, W., V.M.H., 186, Brook Road, Upper Clapton.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H., Cambridge Lodge, Flodden Road, Camberwell, S.E.

CHARLESWORTH, J., Heaton, Bradford.

COLMAN, J., Gatton Park, Reigate, Surrey.

COBB, W., 33, Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam, Northumberland.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

CYPHER, JOHN J., Queen's Road, Cheltenham.

DOUGLAS, JAMES, V.M.H., Edenside, Great Bookham.

FEILING, C. H., Southgate House, Southgate.

HILL, E., Tring Park Gardens, Tring.

HISLOP, A., Bletchley Park Gardens, Bletchley.

LATHAM, W. B., Botanic Gardens, Birmingham.

LAW-SCHOFIELD, G. W., New Hall Hey, Rawtenstall, Manchester.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MOORE, F. W., V.M.H., Botanic Gardens, Glasnevin, Dublin.

MOORE, G. F., Chardwar, Bourton-on-the-Water, Glos.

ODELL, J. W., The Grove, Stanmore, Middlesex.

PITT, H. T., Rosslyn, 57, Stamford Hill, N.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Elmwood, Park Hill Road, Croydon.

REHDER, FRANK, 29, Mincing Lane, E.C.

SANDER, F., V.M.H., St. Albans.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

TRACY, H. A., Amyand Park Road, Twickenham.

WHITE, W. H., Burford Lodge Gardens, Dorking.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.--Nine Members form a quorum. Members of Council are
Members of all the Committees.

NARCISSUS & TULIP COMMITTEE, 1902-1903.

(Established 1885.)

CHAIRMAN.

BENNETT-POË, JOHN T., 29, Ashley Place, S.W.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.
DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.
ENGLEHEART, Rev. GEORGE H., V.M.H., Appleshaw, Andover.

HON. SECRETARY.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.
BARR, R., 12, King Street, Covent Garden, W.C.
BOSCAWEN, Hon. J., Tregye, Perranwell, Cornwall.
BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.
BURBIDGE, F. W., M.A., V.M.H., Trinity College, Dublin.
CAMMELL, M., Loxwood House, Billingshurst, Sussex.
COPELAND, W. F. M., Kibblestone Hall, Stone, Staffs.
COWAN, C. W., Valleyfield, Penicuik, Midlothian.
DEAN, R., V.M.H., 42, Ranelagh Road, Ealing.
FOSTER, Sir Michael, K.C.B., V.M.H., M.P., Sec. R.S., Shelford, Cambridge.
DE GRAAFF, S. A., Leyden, Holland.
GOLDRING, W., 28, Kew Gardens Road, Kew.
HALL, A. D., Wye College, Ashford, Kent.
HARTLAND, W. B., 24, Patrick Street, Cork.
KINGSMILL, A., The Holt, Harrow Weald, Stanmore.
KRELAGH, J. H. Haarlem, Holland.
LEICHTLIN, MAX, Baden-Baden.
MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.
MARSH, Rev. T. H., Cawston Rectory, Norfolk.
MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.
PEARSON, J. DUNCAN, Chilwell Nurseries, Lowdham, Notts.
POPE, J., The Ericas, King's Norton.
POUPART, W., Marsh Farm, Twickenham.
REUTHER, G., Wensleydale, Hanworth Road, Feltham, Middlesex.
SMITH, J. A. DORREN, Tresco Abbey, Scilly.
SYDENHAM, R., 190, Bristol Road, Birmingham.
TITHERADGE, G. T., 10, Cavendish Road, St. John's Wood, N.W.
WALKER, JAMES, Ham Common, Surrey.
WARE, WALTER T., Inglescombe, near Bath.
WILKS, Rev. W., M.A., Shirley Vicarage, Croydon.
WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

NOTE.—Members of the Council are Members of all the Committees.

The NARCISSUS COMMITTEE will meet at the DRILL HALL, Buckingham Gate, Victoria Street, Westminster, on the following dates, at 12 o'clock, noon, viz., March 11th, 25th, April 8th, 22nd, May 6th and 20th, 1902.

REGULATIONS
FOR THE
FIVE STANDING COMMITTEES
(SCIENTIFIC, FRUIT, FLORAL, ORCHID, NARCISSUS),
AND FOR INTENDING EXHIBITORS,
1902-1903.

THE objects of the Committees are :—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 34), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 56, *et seq.*; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except, *see* Rule 14, page 53.)

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—*see* Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., Buckingham Gate, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 96). If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing*.—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are requested to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less than six* must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

In recommending *First Class Certificates or Awards of Merit* to Cut Flowers, artificial "dressing," supports, &c., should be taken into account by the Committees in making their awards. This applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Two general forms of award will be made by the Council, viz.:—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made according to their merits to very superior seedlings or novelties, or to recently introduced, reintroduced, or very rare objects, or to highly decorative plants, or to other objects of great excellence which have been hitherto overlooked or ignored. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

14. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, etc., so distinguished, at the next (or nearest possible,) General Meeting of the Society at Westminster or elsewhere, in order that they may if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

15. When at the Meeting of any of the Standing Committees the recommendation of any award has been proposed and put to the vote, it shall not be considered to have been "carried" unless the number of votes cast in its favour shall be at least double the number recorded against it.

16. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

17. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

18. No Award will be made to Potatoes, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

19. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

THE SHERWOOD SILVER CUP.

Founded 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree—Gardener Mr. E. Beckett.

In 1900 it was offered for "Apples and Pears," when it was won by Roger Leigh, Esq., Maidstone—Gardener, Mr. Geo. Woodward.

In 1901 it was offered for the best collection of Orchids shewn by an Amateur at the Temple Show in a space not exceeding 100 square feet when it was won by Sir Frederick Wigan, Bart. Gardener, Mr. W. H. Young.

In 1902 it is offered for the best collection of Hardy Ornamental Trees and Shrubs at the Temple Show.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, 117, Victoria Street, eight days before the Competition takes place.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1902—1903.

Fruit, Floral, and Orchid Meetings will be held in the **Drill Hall, Buckingham Gate, Victoria Street, Westminster** (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 28th, 29th and 30th, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 70); on June 24th & 25th at Holland House, (*see* page 78); on September 18th, 19th and 20th, at the Crystal Palace (*see* p. 94), but on all other dates at the Drill Hall, Buckingham Gate, Victoria Street, Westminster. The arrangements for the Coronation may necessitate the abandonment of the 2nd day of the Rose Show (June 25), but in that case due notice will be given in the Daily Newspapers.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Flowers, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m.
See page 51, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit **NEW, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c.**, as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The "Rules for the Temple Show" page 66, unless inapplicable, are in force at the Drill Hall also.

The Regulations to be observed by Competitors for the Prizes will be found on page 97.

TUESDAY, JANUARY 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 28th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "The Renovation of
 Old Fruit Trees," by Mr. George Bunyard, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 11th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at the Drill Hall,
for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, FEBRUARY 25th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The use and value
of Nicotine in Horticulture" by Mr. G. E.
Williams.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 11th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|---|
| 12 noon. | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall on "The New Soil Science," by Mr. R. Hedger Wallace. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, MARCH 25th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- | | |
|-----------|--|
| 12 noon | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall on "The Defences of Plants," by Professor Carr. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, APRIL 8th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*..... *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Plants for Pergolas and Verandahs," by Miss Jekyll, V.M.H.,
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.
-

TUESDAY, APRIL 22nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Group of Daffodil Blossoms grown entirely outdoors (Polyanthus varieties excluded); must include some of each section, Magni-, Medii-, and Parvi-Coronati; must contain at least 30 varieties distinct, at least three blooms of each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any hardy foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are three Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Cup, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "The Genus Campanula." by Mr. Maurice Prichard.
- 4 p.m. Scientific Committee Meeting at 117, Victoria-street, S.W.

Also, on April 22nd.

NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW.

(For Rules and Regulations, see page 98.)

The R.H.S. contributes £10 towards the following Prizes, and distributes 350 One Shilling Tickets of Admission to Members of the N.A.P.S.

CLASS

1. 12 Auriculas, dissimilar.....70s.—50s.—40s.—30s.—20s.—10s.
2. 6 Auriculas, dissimilar.....35s.—30s.—20s.—15s.—10s.—5s.
3. 4 Auriculas, dissimilar.....25s.—20s.—15s.—10s.—7s. 6d.—5s.
4. 2 Auriculas, dissimilar.....15s.—12s. 6d.—10s.—7s. 6d.—5s.—2s. 6d.

Exhibitors in Class 1, may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4.

5. Single specimen, green edged..8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s.
6. Single specimen, grey edged ..8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s.
7. Single specimen, white edged..8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s.
8. Single specimen, self8s.—7s.—6s.—5s.—4s.—3s.—2s.—1s.
9. 50 Auriculas, not less than 20 varieties (may include Alpines)—
80s.—60s.—40s.

NOTE.—One truss only may be shown in Auriculas; one or more in Alpines.

10. 6 Green-edged Auriculas, not less than 3 Varieties, and not more than 2 of any one Variety.

First Prize, Silver Medal; Second Prize, Bronze Medal; Third Prize, 5s.; Fourth Prize, 4s.

Presented by Mr. William Smith, and Mr. James Douglas.

11. For those who have never won a Prize.
4 Show Auriculas, dissimilar. 15s.—10s.—7s. 6d.—5s.—2s. 6d.
12. Prizes of 10s. and 7s. 6d. will be awarded (if worthy) to Seedlings in Auriculas—green edged, grey edged, white edged, and selfs.
13. Auricula, Premier, selected from the whole Exhibition.....10s.
14. 12 Alpine Auriculas, dissimilar30s.—20s.—10s.—7s. 6d.—5s.
15. 6 Alpine Auriculas, dissimilar20s.—15s.—10s.—5s.—3s.
16. 4 Alpine Auriculas, dissimilar15s.—10s.—7s. 6d.—5s.—3s.
17. Alpine Auricula, single specimen, gold centre, 5s.—4s.—3s.—2s.—1s.
18. Alpine Auricula, single specimen, white or cream centre, 5s.—4s.—3s.—2s.—1s.

NOTE.—One or more trusses may be shown in the Classes 14, 15, 16, 17 and 18. Shaded or unshaded flowers may be shown at the option of the Exhibitor.

19. For those who have never won a Prize.
6 Alpine Auriculas, dissimilar. 12s.—9s.—6s.—4s.—2s. 6d.

Miss Willmott and Mr. Wm. Smith very generously contribute One Guinea each towards the prizes in Classes 11 and 19.

20. Alpines Seedlings, gold centres6s.—4s.
 Alpines Seedlings, white or cream centres6s.—4s.
21. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.
22. 12 Auriculas, fancy, 6 at least to be distinct, not more than
 two of any variety,15s.—10s.—5s.
- NOTE.—In Class 22 the plants may be arranged in a tasteful manner, with or without flower pots.
23. 12 Primulas, distinct species, or well marked varieties,
25s.—20s.—15s.—10s.
24. 6 Primulas, distinct species, or well marked varieties,
15s.—10s.—7s. 6d.—5s.
25. Group of any species or varieties of Primula or Auricula, in
 box or basket, not to exceed 12 superficial feet. Tasteful
 arrangement to be considered20s.—15s.—10s.
26. 12 Polyanthus, dissimilar, fancy20s.—15s.—10s.—5s.
27. 12 Primroses, dissimilar, single20s.—15s.—10s.—5s.
28. 6 Primroses, dissimilar, double, in pots or pans, not necessarily
 one plant10s.—7s. 6d.—5s.
29. 3 Polyanthus, dissimilar, gold laced7s. 6d.—5s.—3s.—2s. 6d.
30. Polyanthus, single specimen, gold laced4s.—3s.—2s.—1s.
31. A Basket of Primrose and Polyanthus plants arranged for effect,
20s.—15s.—10s.

TUESDAY, MAY 6th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *Open*Certificates.
2. New or Rare Fruits and Vegetables. *Open*Certificates.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The Classification of
 Plants by Evolution," by the Rev. Professor
 Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

PRIZE ESSAYS.

The Society's two Prize Essays, 1895, on "Hardy Fruit Culture" may be obtained from the Society's Office, 117, Victoria St., S.W. Price 1s. 6d.

TUESDAY, MAY 20th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... ..Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "The Origin and Properties of the English Tulip," by Mr. A. D. Hall.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also, on May 20th.

ROYAL NATIONAL TULIP SOCIETY'S SHOW.

(Southern Section.)

SCHEDULE OF PRIZES.

CLASS

- A. 12 Dissimilar Rectified Tulips; 2 feathered and 2 flamed in each class.
First Prize, Silver Cup; Second Prize, Silver Medal; also Third and Fourth Prizes awarded.
- B. 6 Dissimilar Rectified Tulips; 1 feathered and 1 flamed in each class.
First Prize, Silver Medal; also Second, Third and Fourth Prizes awarded.
- C. 3 Feathered Tulips; 1 of each class.
First Prize, Silver Medal; Second, Third and Fourth Prizes also awarded.
- D. 3 Flamed Tulips; 1 of each class.
First Prize, Silver Medal; Second, Third and Fourth Prizes also awarded.
- E. 6 Dissimilar Breeder Tulips; 2 of each class.
First Prize, Large Silver Medal; Second, Third and Fourth Prizes also awarded.
- F. 3 Dissimilar Breeder Tulips; 1 of each class.
First Prize, Silver Medal; Second, Third and Fourth Prizes also awarded.

CLASS

- G. Single Bloom in each of the 6 classes. Feathered Bizarres, Roses and Bybloemens, Flamed Bizarres, Roses, and Bybloemens. *Five Prizes* in each class. The variety winning the first prize may win *once* again; with this exception, all winning flowers must be dissimilar.
- H. Single Blooms in each of the 3 classes, Breeders: Bizarres, Roses, Bybloemens. *Five Prizes* in each class.

SPECIAL PRIZE.

- I. The "Samuel Barlow" Prizes for the best pair of Rectified Tulips; 1 feathered and 1 flamed of any class.
First Prize, Silver Gilt Medal; *Second Prize*, Silver Medal, *Third Fourth* and *Fifth Prizes* also awarded.

The following classes are only open to growers of less than 400 Blooming Bulbs of English Tulips:—

CLASS

1. 6 Dissimilar Rectified Tulips; 2 in each class, either feathered or flamed.
First Prize, Silver Medal; *Second, Third* and *Fourth Prizes* also awarded.
2. 3 Feathered Tulips; 1 of each class.
First Prize, Silver Medal; *Second, Third, Fourth* and *Fifth Prizes* also awarded.
3. 3 Flamed Tulips; 1 of each class.
First Prize, Silver Medal; *Second, Third, Fourth* and *Fifth Prizes* also awarded.
4. 3 Dissimilar Breeder Tulips; 1 of each class.
First Prize, Silver Medal; *Second, Third, Fourth* and *Fifth Prizes* also awarded.
5. Silver Medal for 2 Rectified Tulips; 1 feathered and 1 flamed of any class.

A Silver Medal will also be awarded to the maiden grower whose exhibits in any of the above classes are considered most meritorious.

Three additional prizes of 2s. 6d. will be awarded to the best feathered flower, the best flamed flower, and the best breeder flower in the above classes.

All particulars as to conditions of entry, &c., can be obtained from the Secretary, A. D. Hall, The College, Wye, Kent.

WEDNESDAY, THURSDAY, and FRIDAY,

May 28th, 29th, and 30th, 1902,

GREAT FLOWER SHOW

WILL BE HELD IN THE

INNER TEMPLE GARDENS,

THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, WEDNESDAY, MAY 28TH.

- 10.30 a.m. Judging commences.
- 11 a.m. Fruit, Floral and Orchid Committees assemble.
- 12 noon. Council Meeting.
- 12.30 Exhibition opens to Fellows.

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF

SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

For THE SHERWOOD SILVER CUP, see page 55.

N.B.—Exhibitors are particularly requested **not** to write for space **before** the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after April 2nd. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

The Show will be divided into the following Classes, which will each have a separate set of judges:—

CLASS

1. Orchids.
2. Roses.
3. Fruit and Vegetables.
4. Groups staged in the open air.
5. Hardy Herbaceous and Rock Plants and Alpines.
6. Foliage Plants, either alone or mixed with Flowers.
7. Flowering Plants other than Classes 1, 2 and 5.
8. Any Plants that cannot be included in the above.

N.B.—When a group consists in great measure of any particular subject, but also contains a few of some other or others, the group will be considered to come under the appellation of its principal subject.

Each set of judges will be requested to use a maximum of 20 points in judging each group, and to allot such number of points (not exceeding 20) to each group as they may consider it deserves.

The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to exclude all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

RULES &c., FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii.) fill it with very ordinary or inferior plants and flowers, &c.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sq. ft. each.—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sqr. ft. each—Begonias, Pelargoniums (Show and Fancy), Ferns and Hardy Cut Flowers.

[N.B.—Duplicate Bunches of Cut Flowers are prohibited. Cut Flowers should be shown in as natural a condition as possible—the mutilation of Lilies, *e.g.*, by removal of the anthers being inadmissible.]

200 sqr. ft. each—Orchids.

300 sqr. ft. each—Foliage plants, Palms, and others of a similar character.

400 sqr. ft. each—Caladiums, Pot Roses, Clematis and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

5.—Plants and produce exhibited to shew the effect of different Manures and Soils will be placed outside the tents.

6.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

7.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded flowers.

8.—All Fruits and Vegetables, when gathered, must be shown in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular. Fruit and Vegetables may not be combined in one exhibit but must be placed separately. Flowers may not be mixed with either. Tomatoes will rank as Vegetables.

9.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

10.—All plants must be named. The name cards of the plants &c. should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 11.

11.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred. They must contain nothing whatever but the name and address.

12.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

13.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

14.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on both sides. No other covering material will be allowed.

15.—No coloured paper or ribbons may be used for decoration.

16.—Exhibits must not be removed until half-an-hour after the closing of the Show.

17.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 8th day before the Show, *i.e.* on Tuesday, May 20th, 1902. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS.

At the Temple Show, 1902.

—:0:—

Exhibitors must post the notice of their intention to exhibit to *The Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 8th day before the Show, i.e. on Tuesday, May 20th.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the Show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's**

tent at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets **must** be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 27th or the morning of the Show up to 9 o'clock, at which hour the gates will be closed, and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on May 30th, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Friday, May 23rd.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed **FREE**.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, Buckingham Gate, S.W., and at Holland House and the Crystal Palace; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, May 20th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the **TEMPLE SHOW CATALOGUE 1902** may be booked at once to secure a good position.

Advertisement Office:—Royal Horticultural Society, 117 Victoria Street, London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1902.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else). Transferable Tickets will of course admit bearer.

(b) The Public, by purchased Tickets :—On Wednesday, May 28th, from 12.30 to 7 p.m., 7s. 6d. On Thursday, from 9 a.m. to 7 p.m., 2s. 6d. On Friday, from 9 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Thursday. These tickets *can only be obtained* on or before May 26th from the Society's Office, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE, 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Weeds of the Garden,"
by the Hon. Mrs. Boyle.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Plants, &c.

CERTIFICATED BY THE

Royal + Horticultural + Society,
FROM 1859 TO 1899 INCLUSIVE.

A complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the year 1859 to December 1899.

Price 5s., post free.

FROM THE R.H.S. OFFICES 117, VICTORIA STREET, S.W.

TUESDAY AND WEDNESDAY,

June 24th and 25th, 1902.

By the kind invitation of the Rt. Hon. The EARL OF ILCHESTER,

THE

Royal Horticultural Society

WILL HOLD A

CONFERENCE ON ROSES,

Together with an Illustrative Show of Flowers at

HOLLAND HOUSE, KENSINGTON.

THIS Meeting will take the place of one of the Ordinary Fortnightly Shows at the Drill Hall, and **all classes of Plants, Flowers, and Fruits** may be exhibited. Application for space to exhibit *Miscellaneous Groups* of any kind, must be made to the Secretary, 117, Victoria Street, not later than Tuesday, June 17th. Single Plants, Flowers, Fruits, &c., shown for Certificate, may be entered on the Morning of the Show, but only before 10.30 a.m. *Miscellaneous Groups* must not include any Roses whatever which may only be shown under this Schedule.

ARRANGEMENTS, TUESDAY, JUNE 24th.

- | | |
|------------|---|
| 11 a.m. | { Fruit, Floral and Orchid Committees meet. { Judging commences. |
| 12 noon | Council meets. |
| 12.30 p.m. | Exhibition open to Fellows and the N.R.S. Ticket holders. |
| 1 p.m. | The Council will entertain the Committees and other invited guests at Luncheon. |
| 2 p.m. | The Show opens to the Public. |
| 2.30 p.m. | Conference assembles. |

CONFERENCE.

THE Conference will assemble as nearly to 2.30 p.m. as may be and will be open to all Fellows and visitors.

The Very Rev. the Dean of Rochester, D.D., has been invited to act as President of the Conference.

The following Rosarians have been invited to take part in the proceedings, of which a full and verbatim report will be published in the Society's *Journal*:—

Professor L. BAILEY, Cornell University, U.S.A.

Professor FRANÇOIS CRÉPIN, Brussels.

Professor M. J. GÉROME, Versailles.

Professor SERGEANT, U.S.A.

Monsieur MAURICE DE VILMORIN, Paris.

Monsieur VIVIAND-MOREL, Lyons.

Mr. J. G. BAKER, F.R.S., V.M.H.

Mr. C. E. CANT.

Mr. FRANK CANT.

Mr. W. F. COOLING.

Mr. ALEXANDER DICKSON.

Rev. H. HONYWOOD D'OMBRAIN, M.A., V.M.H.

Miss ANNE DORRANCE, U.S.A.

Rev. A. FOSTER-MELLIAR, M.A.

Mr. GEORGE GORDON, V.M.H.

Mr. W. BOTTING HEMSLEY, F.R.S.

Dr. HENRY.

Miss JEKYLL, V.M.H.

Sir GEORGE KING, K.C.I.E., F.R.S., &c.

Mr. E. B. LINDSELL.

Dr. MAXWELL T. MASTERS, F.R.S.

Mr. EDWARD MAWLEY, F.R. Met. Soc.

Mr. GEO. MOUNT.

Mr. GEO. NICHOLSON, V.M.H.

Mr. O. G. ORPEN.

Rev. F. PAGE-ROBERTS, M.A.

Mr. GEORGE PAUL, V.M.H.

Mr. WM. PAUL, V.M.H.

Rev. J. H. PEMBERTON, M.A.

Mr. A. E. PRINCE.

Mr. A. TATE.

Miss WILLMOTT, V.M.H.

SCHEDULE OF EXHIBITION.

For Special Rules for Exhibitors, see R. H. S. 1899 Code of Rules for Judging, Section 118 et seq., and p. 97. Entries close on June 19th.

CLASS.

1. New or Rare Plants and Flowers. *Open* ...Certificates.
2. New or Rare Fruits and Vegetables. *Open* ...Certificates.

ROSES.

The same Exhibitor may only enter in one Class in each of the following Combinations : 3, 4, 5;—7, 8;—9, 10, 11;—25, 26.

MIXED VARIETIES.

3. 24 Single blooms, distinct. *Amateurs* ...First, Silver Cup,
presented by the Rt. Hon. the Earl of Ilchester.
Second, £3.
4. 12 Single blooms, distinct. *Amateurs* ...First, Silver Cup ;
Second, £1 10s.
5. 6 Single blooms, distinct. *Amateurs*.....First, Silver-gilt
Banksian Medal and £1 ; Second, £1.
6. 6 Single blooms of any one variety of H.P., H.T. or H.B.
Amateurs. First, Silver-gilt Banksian Medal and £1 ;
Second, £1.
7. 48 Single blooms, distinct. *Open*First, Silver Cup ;
Second, Silver-gilt Flora Medal.
8. 24 Single blooms, distinct. *Open*First, Silver Cup ;
Second, Silver-gilt Banksian Medal.

TEAS AND NOISETTES.

9. 18 Single blooms, not less than 12 varieties or more than 2
trusses of any one variety. *Amateurs.* First, Silver Cup ;
Second, £2.
10. 12 Single blooms, not less than 9 varieties or more than 2
trusses of any one variety. *Amateurs.* First, Silver Cup ;
Second, £1 10s.
11. 6 Single blooms, not less than 4 varieties. *Amateurs.*
First, Silver-gilt Banksian Medal and £1 ;
Second, £1.
12. 6 Single blooms of any one variety. *Amateurs.*
First, Silver-gilt Banksian Medal and £1 ;
Second, £1.
13. 18 Single blooms, distinct *Open*First, Silver Cup ;
Second, Silver-gilt Banksian Medal.

OTHER ROSES.

CLASS.

14. 36 bunches (consisting of not less than 5 trusses of each) of Garden Roses, distinct. Including China, Moss, Polyantha, Provence and other summer flowering Roses and their Hybrids, and all those mentioned in the National Rose Society's Catalogue of "GARDEN ROSES," and also all Teas and Noisettes not included in the National Rose Society's list of "EXHIBITION ROSES"; *all Singles, however, excluded.* To be staged in 36 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open.*

First, Silver Cup, presented by
Sholto Hare, Esq.;

Second, Silver-gilt Flora Medal.

15. 18 bunches in not less than 12 varieties (consisting of not less than 5 trusses of each) of Garden Roses, distinct, including China, Moss, Polyantha, Provence and other Summer-flowering Roses and their Hybrids and all those mentioned in the National Rose Society's Catalogue of "GARDEN ROSES," and also all Teas and Noisettes not included in the National Rose Society's list of "EXHIBITION ROSES"; *all Singles, however, excluded.* To be staged in 18 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Amateurs.*

First, Silver Cup; Second, £2.

16. 9 bunches (consisting of not less than 3 trusses of each) of Rugosa varieties and its Hybrids, distinct. To be staged in 12 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open.*

First, Silver Flora Medal;

Second, Silver Banksian Medal.

17. 6 bunches (consisting of not less than 3 trusses of each) of Bourbon varieties and their Hybrids, distinct. To be staged in 6 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open.*

First, Silver Flora Medal;

Second, Silver Banksian Medal.

CLASS.

18. 9 bunches in not less than 6 varieties (consisting of not less than 5 trusses of each) of Sweet Briar varieties and its Hybrids. To be staged in nine glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open*.....First, Silver-gilt Flora Medal;
Second, Silver Flora Medal.
19. 12 bunches (consisting of not less than 5 trusses of each) of Single Roses, distinct. To be staged in 12 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. Single Roses have only one row of Petals. *Open*.....First, Silver Flora Medal;
Second, Silver Banksian Medal.
20. 9 bunches (consisting of not less than 5 trusses of each) of Chinas and their Hybrids, distinct. To be staged in nine glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open*.
First, Silver-gilt Flora Medal;
Second, Silver Flora Medal.
21. 12 bunches (consisting of not less than 5 trusses of each, not disbudded) of Hybrid Teas according to National Rose Society's list, distinct. To be staged in 12 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open*.....First, Silver Flora Medal;
Second, Silver Banksian Medal.
22. Collection of Species staged as far as possible in bunches of 5 trusses of each as above, but the 5 trusses not actually obligatory. *Open*.....First, Silver Cup.
Second, Silver-gilt Banksian Medal.
23. New Roses of any Class not yet put into Commerce; not less than 3 blooms or trusses of each. *Open*. The National Rose Society offers a Gold Medal in this Class; other Medals or Certificates according to merit.
24. A Bowl or Vase of Roses arranged for Effect. Rose foliage only to be used. Wire supports allowed, but the less they are in evidence the greater the merit of the arrangement. *Amateurs*. First, £2; Second, £1 10s.

CLASS.

- 25.** A representative Group of Roses placed on the ground (inverted pots, &c., may be used as usual for elevating separate plants) in a space not exceeding 400 square feet, including as far as possible H.P's., Teas, Noisettes, H.T's., Bourbons, Chinas, Garden, Climbing and Moss Roses, Species and Hybrids, in pots, or cut flowers in plain glasses, vases or jars, not in Exhibition boxes. The foliage used with cut blooms must be that of the variety itself and no other, but ferns, palms, grasses, &c., in pots, may be used as edging and background. *Open.*

First, R.H.S. Gold Medal and £10
Silver Cup, presented by the
National Rose Society;
Second, Gold Medal;
Third, Silver-gilt Flora Medal.

- 26.** As in Class 25, but in space not exceeding 200 Square feet.

First, R.H.S. Silver-gilt Medal and
£5 Silver Cup, presented by the
National Rose Society;
Second Silver Cup;
Third, Silver-gilt Banksian Medal.

- 27.** 24 Climbing or Pillar Roses in bloom in not less than 12 varieties, or more than 2 plants of any one variety; exhibited in pots to show character and habit. *Open.*

First, Silver Cup;
Second, Silver-gilt Flora Medal.

Other Cups, Medals and Awards will be made to other Exhibits if considered sufficiently meritorious.

None of the above-mentioned prizes and awards will be given unless the Exhibits are considered by the Judges to have deserved them.

Winners of Cups will be allowed to select their own prize (within limits), if they desire it, at the Society's Cup Makers, Messrs. Johnson, Walker & Tolhurst, Ltd., 80, Aldersgate Street, E.C., or they may take the prize in money instead.

The same Exhibitor may only enter in one Class in each of the following Combinations: 3, 4, 5;—7, 8;—9, 10, 11;—25, 26.

The Conference and Exhibition will be open to all Fellows of the Society and their friends holding their Annual Tickets, at 12.30 p.m. on Tuesday, June 24th, and at 9.30 a.m. on Wednesday, June 25th. **N.B.—Fellows Tickets must be shown at the Gates and other Tickets given up.** The Public will be admitted on Tuesday, 24th, at 2 p.m. on payment of 7s. 6d., and at 9.30 a.m. on Wednesday on payment of 2s. 6d. The Grounds will be cleared of Visitors at 8 p.m. on Tuesday, and 6 p.m. on Wednesday, when exhibits may be removed.

NOTA BENE.—Should the preparations for the Coronation make it impracticable to keep the Show open on Wednesday 25th, notice to that effect will be given in the London daily Newspapers.

Every Member of the National Rose Society can by applying to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster, S.W., on or before Thursday, June 19th, obtain, without charge, a non-transferable Ticket, admitting at 12.30 on Tuesday, 24th. An envelope, stamped and addressed, must be enclosed.

GARDENERS' ROYAL BENEVOLENT SOCIETY. ROYAL GARDENERS' ORPHAN SOCIETY.

The Earl of Ilchester has kindly placed the beautiful *private pleasure Gardens* of Holland House at the service of the above great Gardening Charities on the first day of the Show. A charge of 1s. for admission will be made, and the proceeds be given to the Charities in the proportion of two-thirds to the Benevolent and one-third to the Orphan Society. Entrance will be only from the Show Ground.

FRUITS FOR COTTAGERS, FARMERS,

AND

OWNERS OF SMALL GARDENS.

New Edition, 1900.

Price, Post Free, Single Copy, 2d.; 25, 2/-; 50, 3/-; 100, 4/-.

May be obtained from

THE SOCIETY'S OFFICE, 117, VICTORIA STREET, S.W.

TUESDAY, JULY 8th (Drill Hall).

CLASS.

- 1A. New or Rare Plants and Flowers. *Open*.....*Certificates*.
 2A. New or Rare Fruits and Vegetables. *Open*.....*Certificates*.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Ornamental Trees and Shrubs," by the Rt. Hon. the Earl of Annesley.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JULY 22nd.

NOTA BENE.—Beside Plants, &c., for Certificate, only small groups can be accepted on July 22nd, and these only by distinct pre-arrangement with the Superintendent.

CLASS

1. New or Rare Plants and Flowers. *Open**Certificates*.
 2. New or Rare Fruits and Vegetables. *Open**Certificates*.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "The Botanic Gardens and Flora of Malta," by Rev. Professor Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also on July 22nd.

NATIONAL CARNATION AND PICOTEE SOCIETY'S SHOW.

(For Rules and Regulations see page 101.)

The Royal Horticultural Society contribute £10 towards the Prize List and Free Passes to Members of the Society.

FIRST DIVISION.

Class No.

1. A stand of 24 Carnation blooms, dressed on cards, Bizarres and Flakes only, not less than 12 dissimilar varieties.

Points for
Aggregate Prize.
1st 2nd 3rd
Prize. Prize. Prize.

40s. 30s. 20s. 10s.
Scoring for Aggregate .. 24 18 12

| Class No | | Points for Aggregate Prize. | | |
|-------------|--|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 2. | A stand of 24 Carnation blooms, dressed on cards, Selfs only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 3. | A stand of 24 Carnation blooms, dressed on cards, Fancies only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> | 24 | 18 | 12 |
| 4. | A stand of 24 Picotee blooms, dressed on cards, white ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 5. | A stand of 24 Picotee blooms, dressed on cards, yellow ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> | 24 | 18 | 12 |
| 6. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 7. | A stand of 6 blooms, dressed on cards, of any variety of yellow or buff ground Fancy Carna- tion. All 6 blooms must be of the same variety. An exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 8. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 9. | A stand of 6 blooms, dressed on cards, of any variety of yellow ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 10. | 12 distinct varieties Carnations, Self and Fancies, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the calyx. | | | |
| | 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | 18 | 12 | 6 |

SINGLE SPECIMENS, CARNATIONS.

BIZARRES AND FLAKES. SINGLE BLOOMS.

| | | | | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|--|--|--|
| 11. | Scarlet Bizarres | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Crimson | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Pink | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Purple Flakes | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Scarlet | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Rose | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | | | | |

SELFS. SINGLE BLOOMS.

| | | | | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|--|--|--|
| 12. | White or Blush White | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Rose or Pink | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Scarlet Red or Crimson | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Marone or Purple | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Yellow | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Buff | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | | | | |

FANCIES. SINGLE BLOOMS.

| | | | | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|--|--|--|
| 13. | Yellow Ground | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Other Fancies | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | | | | |

PICOTEEES OF ALL DESCRIPTIONS.

SINGLE BLOOMS.

| | | | | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|--|--|--|
| 14. | Red, heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Red, light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Purple, heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Purple, light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Rose or Scarlet, | | | | | | | | | |
| | heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Rose or Scarlet, | | | | | | | | | |
| | light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Yellow ground, | | | | | | | | | |
| | heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | Yellow ground, | | | | | | | | | |
| | light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. | | | |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | | | | |

In above Classes for Single Blooms, Exhibitors may not show more than two blooms in each division of colour, but may win with either or both.

| | | |
|--------|--------|-------|
| 1st | 2nd | 3rd |
| Prize. | Prize. | Prize |

PREMIERS.

The Premier Carnations and Picotees will be selected from the whole Exhibition of Bizarres, Flakes, Sells, Fancies, Heavy-edged White Ground Picotees, Light-edged White Ground Picotees, Heavy-edged Yellow Ground Picotees, and Light-edged Yellow Ground Picotees, and each will receive a Prize of 5/-, and every win with such Premier Bloom shall

Score for Aggregate .. 4

A Cup, value £8, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above First Division by any one Competitor.

NOTE. - An Exhibitor can only show in one Division—1st, 2nd, or 3rd. Notice also the Conditions 4 and 5, on page 101, together with the List of Yellow Grounds at the end of the Prize Schedule, determining, as to each variety, whether it is to be exhibited as a "Picotee" or a "Fancy." Any Yellow Ground not mentioned in the said list may be shown on its merits.

Exhibitors who intend to compete for the Cups will be furnished at the Drill Hall, on application, with Skeleton Schedule Cards for the 1st, 2nd, or 3rd Divisions. These they must fill up themselves, with the details of the prizes they have taken and the points gained, and must hand them in to the Hon. Secretary, or such person as he may appoint to receive them, before 3.30 p.m.

IMPORTANT.

To secure the publication of the names of the winning flowers Exhibitors are requested to fill in the names upon forms which will be supplied to them at the Drill Hall at the time they apply for their Cards. The Hon. Secretary, or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. *It is imperative that these forms be filled in.*

SECOND DIVISION.

| Class No. | | Points for Aggregate Prize. | | |
|--------------|--|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 15. | A stand of 12 Carnation blooms, dressed on cards Bizarres and Flakes, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |
| 16. | A stand of 12 Carnation blooms, dressed on cards, Selfs only, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |
| 17. | A stand of 12 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |
| 18. | A stand of 12 Picotee blooms, dressed on cards, white ground, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |
| 19. | A stand of 12 Picotee blooms, dressed on cards, yellow ground, not less than 6 dissimilar varieties. 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |
| 20. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 21. | A stand of 6 blooms, dressed on cards, of any variety of Yellow or Buff Ground Fancy Car- nation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 22. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 23. | A stand of 6 blooms, dressed on cards, of any variety of Yellow Ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |

| | | | | |
|-----|---|----|----|---|
| 24. | 6 distinct varieties Carnations, Selfs and Fancies, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

Exhibitors in this division may also show in the Single Bloom Classes, and wins in these classes shall

| | | | |
|-------------------------------|---|---|---|
| <i>Score for Aggregate</i> .. | 3 | 2 | 1 |
|-------------------------------|---|---|---|

And if any blooms are selected from this division as Premiers, each win shall

| | |
|-------------------------------|---|
| <i>Score for Aggregate</i> .. | 4 |
|-------------------------------|---|

A Cup, value £6, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above 2nd Division by any one Competitor.

See Notes at end of First Division which apply equally to Divisions 2 and 3.

THIRD DIVISION.

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 25. | A stand of 6 Carnation blooms, dressed on cards, Bizarres and Flakes, dissimilar varieties. | | | |
| | 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 26. | A stand of 6 Carnation blooms, dressed on cards, Selfs only, dissimilar varieties. | | | |
| | 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 27. | A stand of 6 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties. | | | |
| | 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |

| Class No. | | Points for Aggregate Prize. | | |
|--|--|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 28. | A stand of 6 Picotee blooms, dressed on cards, White Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 29. | A stand of 6 Picotee blooms, dressed on cards, Yellow Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 30. | A stand of 3 Carnation blooms, dressed on cards, Selfs, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 31. | A stand of 3 Carnation blooms, dressed on cards, Yellow or Buff Ground Fancies, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 32. | A stand of 3 Carnation blooms, dressed on cards, Fancies, other than Yellow or Buff Ground, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 33. | A stand of 3 Picotee blooms, dressed on cards, Yellow Ground, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 34. | 3 distinct varieties Carnations, Selfs and Fancies, 3 blooms of each variety, without dressing or cards, in one bottle with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the calyx. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 |
| Exhibitors in this Division may also show in the Single Bloom Classes, and wins in those classes shall | | | | |
| <i>Score for the Aggregate ..</i> | | 3 | 2 | 1 |
| And if any blooms are selected from this Division as "Premiers," each win shall | | | | |
| <i>Score for the Aggregate ..</i> | | 4 | | |

A Cup, value £4, will be given by the President of the Society for the highest aggregate number of points gained in the above 3rd Division by any one Competitor.

See notes at end of First Division, which apply equally to Divisions 2 and 3.

N.B.—Trade growers and growers of more than one thousand plants cannot compete in the Third Division.

EXHIBITS WITHOUT DRESSING OR CARDS.

CLASSES 35, 36, 37, 38 and 39.

Exhibitors in Divisions 1, 2 and 3 cannot compete in Classes 35, 36, 37, 38 and 39.

Exhibits in these Classes may be shown in Boxes, Glasses or Bottles.

CARNATIONS.

BIZARRES AND FLAKES.

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 35. | 6 Carnation blooms, Bizarres and Flakes, dissimilar varieties, each with a single spray of Carnation foliage. | 12s. | 10s. | 7s. |
| | | 6s. | 5s. | 4s. |
| | | 3s. | 2s. | |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 |

SELFS.

| | | | | | | | | | |
|-----|---|-------|------|-----|-----|-----|-----|-----|-----|
| 36. | 6 Carnation blooms, Selfs, dissimilar varieties, each with a single spray of Carnation foliage. | 12s. | 10s. | 7s. | 6s. | 5s. | 4s. | 3s. | 2s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 | | | | | |

FANCIES.

| | | | | | | | | | |
|-----|---|-------|------|-----|-----|-----|-----|-----|-----|
| 37. | 6 Carnation blooms, Fancies, dissimilar varieties, each with a single spray of Carnation foliage. | 12s. | 10s. | 7s. | 6s. | 5s. | 4s. | 3s. | 2s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 | | | | | |

PICOTEEES.

WHITE GROUND.

| | | | | | | | | | |
|-----|--|-------|------|-----|-----|-----|-----|-----|-----|
| 38. | 6 Picotee blooms, white ground, dissimilar, each with a single spray of Picotee foliage. | 12s. | 10s. | 7s. | 6s. | 5s. | 4s. | 3s. | 2s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 | | | | | |

YELLOW GROUND.

| | | | | | | | | | |
|-----|---|-------|------|-----|-----|-----|-----|-----|-----|
| 39. | 6 Picotee blooms, yellow ground, dissimilar, each with a single spray of Picotee foliage. | 12s. | 10s. | 7s. | 6s. | 5s. | 4s. | 3s. | 2s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 | | | | | |

A Cup, value 3 Guineas, will be awarded to the winner of the highest aggregate number of points gained in Classes 35, 36, 37, 38, and 39.

See notes at end of 1st Division, which except as regards showing in one division only, apply equally to above classes.

Class
No.

ALL CLASSES.

CARNATIONS AND PICOTEEES.

40. 6 Carnation and Picotee blooms, dissimilar, Fancies and Selfs admissible. *For those who have never won a Prize at the Exhibitions of the National Carnation and Picotee Society (Southern Section).*
- 10s. 7s. 5s. 4s. 2s.

SEEDLINGS.

41. 2 Cut Blooms, shown as cut from the plant with Carnation foliage, from any seedling not previously exhibited in the Class. Exhibitors may show blooms from three separate varieties, and may win with any or all of their exhibits.
- 8s. 7s. 6s. 5s. 4s. 3s.
42. Prizes of 5s. and 3s. will be awarded to Seedlings, if worthy, in each of the classes of Carnations and Picotees, including in the latter the Yellow Grounds. The blooms to be dressed and shown upon cards.
43. Certificates will be awarded to Seedlings, if of sufficient merit, that have bloomed at least the second year; not less than Two Blooms of a variety must be shown. Due notice in writing must be previously given to the Secretary of an Exhibitor's intention to submit a variety for Certificate.

CARNATIONS OR PICOTEEES IN POTS.

44. 12 specimens, dissimilar (from any Class or Classes, including Tree Carnations), in blooms in pots not exceeding $8\frac{1}{2}$ inches in diameter.
- 30s. 20s. 10s.

SINGLE SPECIMEN.

45. Pot not to exceed $8\frac{1}{2}$ inches in diameter. Exhibitors can stage one pot only.
- 5s. 3s. 2s.

The object of the Prizes in Classes 44 and 45 is to develop excellence as decorative subjects, and the judges will be instructed to award the Prizes for cultural excellence, and a liberal head of flowers, which may not be shown on cards. The plants may have been lifted from the open ground, and the pots may contain one or more plants, at the discretion of the Exhibitor.

GROUPS.

46. Groups of Carnation Plants, arranged in an area of 50 square feet. Quality of the blooms to be taken into account as well as tasteful arrangement.
- 80s. 60s. 40s.

Class
No

47. Group of Carnation Plants, as in Class 46, to be arranged in a space to occupy 30 square feet.

40s. 30s. 20s.

Exhibitors in Class 46 cannot compete in Class 47.

Two Bouquets.

48. Bride's and Bridesmaid's Bouquet (one of each). The flowers to consist entirely of Carnation or Picotee Blooms, or both together. Any foliage or fronds may be used.

20s. 15s. 10s. 5s.

VASES.

49. Vase of Carnations or Picotees or both together.

15s. 12s. 10s. 8s.

The term Vase may be taken to signify centre piece on one base with or without branches, at the option of the Exhibitor.

SPRAYS.

50. 3 Sprays of Carnation or Picotee blooms, not to exceed 12 inches in length.

10s. 8s. 6s. 4s.

BUTTON HOLES.

51. 6 Button Holes, Carnation or Picotee.

5s. 4s. 3s. 2s.

Carnation Foliage, Fronds or Ferns, or other light foliage to be used in Classes 48, 49, 50, 51.

WILL EXHIBITORS KINDLY NOTE CONDITION No. 5.

(See page 101).

MOST IMPORTANT.

To secure the publication of the names of the winning flowers, Exhibitors are requested to fill in the names upon forms which will be supplied to them at the Drill Hall, at the time they apply for their Cards. The Hon Secretary, or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. It is imperative that these forms be filled in.

LIST OF YELLOW GROUND PICOTEES.

The following varieties can only be shown in the Classes for Yellow Ground Picotees. If shown in any Class as Fancies, the Exhibit will be disqualified.

Agnes Chambers
Alberta
Alcinous
Aleeto
Anchor
Apollo
Artisan
Aurora

Badminton
Borderer
Caracci
Childe Harold
Cowship
Countess of Jersey
Daniel Defoe
Day Dream

Dervish
Dinorah
Diomedes
Dot
Edith
Edna May
Effie Deans
Erasmus

LIST OF YELLOW GROUND PICOTEEES—*continued.*

| | | |
|-----------------|----------------------|------------------|
| Eurydice | Hygeia | Mrs. Tremayne |
| Evelyn | Hesperia | Miss Alice Mills |
| Empress Eugenie | Ladas | Miss Violet |
| Fashion | Lilian | Mohican |
| Fenella | Lady Bristol | Nora Creina |
| Florrie Henwood | Lady St. Oswald | Onda |
| Frobisher | Lauzun | Pamela |
| Galatea | Mr. Nigel | Professor |
| Gertrude | Mrs. C. Baring | Queen Boadicea |
| Glee Maiden | Mrs. Douglas | Rachel |
| Heather Bell | Mrs. Dranfield | Theodoric |
| His Excellency | Mrs. Gooden | Turenne |
| Helioborus | Mrs. Henwood | Wanderer |
| Henry Falkland | Mrs. C. H. Herbert | |
| Horatio | Mrs. Robert Sydenham | |

LIST OF YELLOW OR BUFF GROUND FANCIES.

The following varieties can only be shown in the Classes for Yellow or Buff Ground Fancies. If shown as Picotees the Exhibit will be disqualified.

| | | |
|---------------|-------------------|-------------------|
| Alexandra | Eclair | Oakeley |
| Almira | Eldorado | President Carnot |
| Annie Douglas | Falca | Primrose Day |
| Aglais | Golden Eagle | Primrose League |
| Argosy | Galileo | Stadraith Bail |
| Boecklin | Harlequin | Stanley Wrightson |
| Cecil Rhodes | Helios | The Gift |
| Corisande | Hogarth | Vashti |
| Cinq Mars | John Walker | Virgo |
| Cockatrice | Madame Van Houtte | Volage |
| Chas. Martel | May Queen | Voltaire |
| Don Carlos | Mrs. Alfred Tate | Yellow Hammer |
| Duke of Alva | Mrs. Booth | Xerxes |

The Exhibition will close at 6 p.m., at which hour Flowers may be removed, **BUT NOT BEFORE.**

TUESDAY, AUGUST 5th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
 2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*
 3. Collection of Cactaceous Plants. *Amateurs*..Prize, Silver Flora Medal.
- For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Small Fruits from a Private Garden Point of View," by Mr. James Smith, V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 19th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Horticultural Education and Teaching in England," by Mr. W. H. Patterson.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, SEPTEMBER 2nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

N.B.—Nothing but Dahlias can be shown at this Meeting with the exception of Flowers, Fruits, &c., *for Certificate*. The Lecturer will have special permission to exhibit specimens. All exhibits of Dahlias must be left for the 2nd day, but other Plants shown for Certificate may be removed as usual.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall, on "Some Lesser Known Japanese Trees and Shrubs," Mr. James H. Veitch.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also on September 2nd and 3rd.

THE NATIONAL DAHLIA SOCIETY'S SHOW.

(For Rules and Regulations of the N.D.S. see page 102.)

NURSERYMEN.

| Class No. | SHOW AND FANCY DAHLIAS, INTERMIXED. | | | First Prize. | | | Second Prize. | | | Third Prize. | | |
|-------------|-------------------------------------|----|----|--------------|----|----|---------------|----|----|--------------|----|----|
| | DIVISION A. | | | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| 1. | 48 blooms, distinct | .. | .. | 2 | 5 | 0 | 1 | 10 | 0 | 0 | 15 | 0 |
| 2. | 36 blooms, distinct | .. | .. | 1 | 17 | 6 | 1 | 2 | 6 | 0 | 12 | 6 |
| DIVISION B. | | | | | | | | | | | | |
| 3. | 24 blooms, distinct | .. | .. | 1 | 2 | 6 | 0 | 15 | 0 | 0 | 7 | 6 |
| 4. | 18 blooms, distinct | .. | .. | 0 | 17 | 6 | 0 | 12 | 6 | 0 | 5 | 0 |
| DIVISION C. | | | | | | | | | | | | |
| 5. | 12 blooms, distinct | .. | .. | 0 | 12 | 6 | 0 | 7 | 6 | 0 | 5 | 0 |

No Exhibitor may enter in more than one of the Divisions, A, B, and C.

CACTUS DAHLIAS.

| | | | | | | | | | | |
|----|---|----|----|----|---|----|---|---|----|---|
| 6. | 18 varieties, in bunches of 6 blooms each | 1 | 17 | 6 | 1 | 2 | 6 | 0 | 12 | 6 |
| 7. | 12 varieties, in bunches of 6 blooms each | 1 | 2 | 6 | 0 | 15 | 0 | 0 | 10 | 0 |
| 8. | 48 blooms, distinct | .. | .. | .. | 1 | 2 | 6 | 0 | 15 | 0 |
| 9. | 24 blooms, distinct | .. | .. | .. | 0 | 15 | 0 | 0 | 10 | 0 |

No Exhibitor may enter in more than one of the Classes 6, 7, 8 and 9.

| | | | | | | | | | | |
|-----|---|---|----|---|---|---|---|---|----|---|
| 10. | 12 varieties, 6 blooms of each, to be arranged in vases with any suitable foliage, grasses, or berries. The vases will be provided by the Society. The stems may be stiffened with wires, but no wire frames may be used. The quality of the blooms will be the first consideration with the Judges | 1 | 17 | 6 | 1 | 2 | 6 | 0 | 12 | 6 |
|-----|---|---|----|---|---|---|---|---|----|---|

POMPON DAHLIAS.

| | | | | | | | | | | |
|-----|--|---|----|---|---|----|---|---|----|---|
| 11. | 24 varieties, in bunches of 10 blooms each | 1 | 17 | 6 | 1 | 2 | 6 | 0 | 12 | 6 |
| 12. | 12 varieties, in bunches of 10 blooms each | 1 | 0 | 0 | 0 | 15 | 0 | 0 | 10 | 0 |

No Exhibitor may enter in more than one of the Classes 11 and 12.

SINGLE DAHLIAS.

| | | | | | | | | | | |
|-----|--|---|---|---|---|----|---|---|----|---|
| 13. | 24 varieties, in bunches of 10 blooms each | 1 | 2 | 6 | 1 | 2 | 6 | 0 | 12 | 6 |
| 14. | 12 varieties, in bunches of 10 blooms each | 1 | 0 | 0 | 0 | 15 | 0 | 0 | 10 | 0 |

No Exhibitor may enter in more than one of the Classes 13 and 14.

Silver Medal and

AMATEURS

| Class No. | SHOW OR FANCY DAHLIAS, OR INTERMIXED. | | | | First Prize. | | Second Prize. | | Third Prize. | |
|--------------|--|----|----|----|-----------------|-------|------------------|-------|-----------------|-------|
| | | | | | £ | s. d. | £ | s. d. | £ | s. d. |
| 15. | 24 blooms, distinct | .. | .. | .. | 1 | 17 6 | 1 | 2 6 | 0 | 12 6 |
| 16. | 18 blooms, distinct | .. | .. | .. | 1 | 10 0 | 0 | 17 6 | 0 | 10 0 |

SHOW DAHLIAS ONLY.

| | | | | | | | | | | | | | |
|-----|---------------------|----|----|----|---|----|---|---|----|---|---|---|---|
| 17. | 12 blooms, distinct | .. | .. | .. | 1 | 2 | 6 | 0 | 15 | 0 | 0 | 7 | 6 |
| 18. | 6 blooms, distinct | .. | .. | .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 |

No Exhibitor may enter in more than one of the Classes 15, 16, 17 and 18.

FANCY DAHLIAS ONLY.

| | | | | | | | | | | | | | |
|-----|---------------------|----|----|----|---|----|---|---|----|---|---|---|---|
| 19. | 12 blooms, distinct | .. | .. | .. | 1 | 2 | 6 | 0 | 15 | 0 | 0 | 7 | 6 |
| 20. | 6 blooms, distinct | .. | .. | .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 |

No Exhibitor may enter in more than one of the Classes 19 and 20.

CACTUS DAHLIAS.

| | | | | | | | | | | | | | |
|-----|---|----|----|----|---|----|---|---|----|---|---|----|---|
| 21. | 12 varieties, in bunches of 6 blooms each | 2 | 0 | 0 | 1 | 10 | 0 | 1 | 0 | 0 | | | |
| 22. | 9 varieties, in bunches of 3 blooms each | 1 | 10 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | | | |
| 23. | 6 varieties, in bunches of 3 blooms each | 1 | 0 | 0 | 0 | 15 | 0 | 0 | 10 | 0 | | | |
| 24. | 18 blooms, distinct | .. | .. | .. | 1 | 0 | 0 | 0 | 15 | 0 | 0 | 10 | 0 |
| 25. | 12 blooms, distinct | .. | .. | .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 |
| 26. | 6 blooms, distinct | .. | .. | .. | 0 | 7 | 6 | 0 | 5 | 0 | 0 | 2 | 6 |

No Exhibitor may enter in more than one of the Classes 21, 22, 23, 24, 25 and 26.

NOTE.—Messrs. Keynes, Williams & Co. contribute the First Prizes in Classes 21 and 23, and Mr. J. Stredwick presents the prizes in Class 22.

NOTE.—Messrs. J. Cheal & Sons present the prizes in Classes 24 and 26, and Mr. S. Mortimer in Class 25.

P.S.—In Class 21 the First Prize will consist of £2 and a Williams Memorial Medal.

POMPON DAHLIAS.

| | | | | | | | | | | | | | |
|-----|---|---|----|---|---|----|---|---|----|---|--|--|--|
| 27. | 12 varieties, in bunches of 6 blooms each | 1 | 5 | 0 | 0 | 17 | 6 | 0 | 10 | 0 | | | |
| 28. | 6 varieties, in bunches of 6 blooms each | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | | | |

No Exhibitor may enter in more than one of the Classes 27 and 28.

SINGLE DAHLIAS.

| | | | | | Silver Medal and | | | | | | | | |
|-----|---|---|----|---|------------------------|----|---|---|----|---|--|--|--|
| 29. | 6 varieties, in bunches of 10 blooms each | 0 | 15 | 0 | 0 | 17 | 6 | 0 | 10 | 0 | | | |
| 30. | 6 varieties, in bunches of 6 blooms each | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | | | |

No Exhibitor may enter in more than one of the Classes 29 and 30.

DECORATIVE CLASSES.

| | | | | | | | | | | | | | |
|-----|---|---|----|---|---|----|---|---|---|---|--|--|--|
| 31. | Basket of Dahlia blooms, arranged for effect, with any kind of foliage or grasses, the blooms to be in water .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | | | |
| 32. | Vase of 12 Dahlia blooms arranged for effect, with any kind of foliage or grasses .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | | | |

NOTE.—In Classes 31 and 32, the blooms need not be grown by the exhibitors.

| Class No. | | First Prize. | | | Second Prize. | | | Third Prize. | | |
|--------------|--|-----------------|----|----|------------------|----|----|-----------------|----|----|
| | | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| 33. | 3 Vases of Cactus Dahlias, 6 blooms in each vase, and arranged for effect with any kind of foliage or grasses .. | 0 | 15 | 0 | 0 | 10 | 0. | 0 | 5 | 0 |

FOR AMATEURS.

Who have never won a prize at any previous Exhibition of the National Dahlia Society.

SHOW OR FANCY DAHLIAS.

| | | | | | | | | | | |
|-----|----------------------------|---|----|---|---|---|---|---|---|---|
| 34. | 6 blooms, distinct | 0 | 10 | 0 | 0 | 7 | 6 | 0 | 5 | 0 |
|-----|----------------------------|---|----|---|---|---|---|---|---|---|

CACTUS DAHLIAS.

| | | | | | | | | | | |
|-----|--|---|----|---|---|---|---|---|---|---|
| 35. | 6 varieties, distinct, in bunches of 3 blooms each | 0 | 10 | 6 | 0 | 7 | 6 | 0 | 5 | 0 |
| 36. | 6 blooms, distinct | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 2 | 0 |

NOTE.—Mr. A. Dean presents the First Prize in Class 35.

OPEN CLASSES.

| | | | | | | | | | | |
|-----|---|---|----|---|---|----|---|---|---|---|
| 37. | Show or Bouquet of Cactus Dahlias, with appropriate foliage | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 5 | 0 |
|-----|---|---|----|---|---|----|---|---|---|---|

FANCY SINGLE DAHLIAS. Bronze Medal and
(i.e., Varieties whose blooms are tipped, striped or edged).

| | | | | | | | | | | |
|-----|--|---|----|---|---|----|---|---|---|---|
| 38. | 6 varieties, in bunches of 6 blooms each | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 5 | 0 |
|-----|--|---|----|---|---|----|---|---|---|---|

SEEDLINGS.

| | | | | | | | | | | |
|-----|---|---------------|--|--|--|--|--|--|--|--|
| 39. | 3 or more blooms of any New Seedling Dahlia | CERTIFICATES. | | | | | | | | |
|-----|---|---------------|--|--|--|--|--|--|--|--|

Certificates will be awarded only to first-class novelties.

NOTE.—Of any new Cactus, Decorative, Pompon, or Single Dahlia exhibited for Certificate, at least three blooms must be staged with stems not less than 9 ins. in length, without wire or other artificial support of any kind, in order that the Committee may judge the habit of the plant and nature of the flower stem; otherwise no Certificate will be awarded. Blooms exhibited for Certificates in this class cannot be staged in the other Classes of the Schedule.

A SILVER MEDAL, presented by E. Mawley, Esq., will be awarded to the best bunch of Cactus Dahlias in Classes 6 and 7, and also to the best bunch of Cactus Dahlias in Classes 21, 22, 23 and 35.

A BRONZE MEDAL, presented by T. HOBBS, Esq., will be awarded to the best Seedling Show or Fancy Dahlia in Class 39.

The Medals offered in this Schedule are the Society's GIRDLESTONE MEMORIAL MEDALS.

The attention of Exhibitors is drawn to the alteration in the foot-note after Classes 5, 9, 12, 14, 18, 20, 26, 28 and 30; also to the alteration in Classes 1, 2, 3, 4, 8, 9, 24, 25, 26, 36 and 38.

THURSDAY, FRIDAY and SATURDAY, SEP. 18th 19th, and 20th, 1902.

The Society will hold a **GREAT EXHIBITION** of
BRITISH-GROWN FRUITS at the **CRYSTAL PALACE**.

A Special Schedule of Prizes will be published in April, 1902, provided that £100 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, SEPTEMBER 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 11.30 a.m. National Dahlia Society's Committee meets for the purpose of awarding Certificates to Seedling Dahlias. Entries must be made to the Hon. Secretary, N.D.S., at the Drill Hall, before 11.15 a.m.
- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Hardy Fruits in Yorkshire," by Mr. A. Gaut.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, OCTOBER 7th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture on "Experiments with Chemical and other Manures," by Mr. F. W. E. Shrivell.
- * 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, OCTOBER 21st (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Hardy Summer and
 Autumn Flowering Bulbs," by Mr. P. Rudolph Barr.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, NOVEMBER 4th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Dietetic Values of our
 Common Vegetables." by the Rev. Professor
 Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, NOVEMBER 18th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Spraying Fruit Trees and
 Packing Apples as practised in Canada," by
 Mr. Cecil H. Hooper.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, DECEMBER 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

1903.

TUESDAY, JANUARY 13th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 27th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The Cultivation of the
 Blue Nymphæa," by Mr. James Hudson, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

**HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE
DRILL HALL.**

| | | | |
|---------------|--------------|--------------|--------------|
| January 14th | } 4 o'clock. | October 21st | } 4 o'clock. |
| " 28th | | November 4th | |
| February 11th | | " 18th | |
| " 25th | | December 9th | |
| March 11th | } 6 o'clock. | January 13th | } |
| July 22nd | | " 27th | |

All other days, at the Drill Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 56 et seq.

(For Special Regulations for Temple Show, see p. 66.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." See p. 15.

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, see p. 50.

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple Show, see p. 66.

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the *bona fide* property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula, Rose, Carnation, and Dahlia Shows—see pp. 98, 99, 101, 102.

A Special Schedule will be issued in April for the Crystal Palace Fruit Show, September 18th, 19th, and 20th.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 22nd, IN THE DRILL HALL.

(For List of Prizes *See* page 61.)

1. The prizes are open to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.
2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.
3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.
4. The Plants must be in the Drill Hall, Buckingham Gate, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.
5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.
6. Exhibitors in Class 1 may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4. Exhibitors may compete in two only of Classes 14, 15, 16. Those who compete in Class 23 cannot do so in Class 24.
7. In addition to the legible naming required by the 5th Condition. Exhibitors in this Class are invited to give the native country of species.
8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.
9. All Plants and Flowers shown in the Schedule Classes must have been the *bona fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.
10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS
AT THE

ROSE SHOW JUNE 24TH & 25TH.

See R.H.S. 1899 "Code of Rules for Judging, &c., which may be obtained, post free 1s. 6d., from the R.H.S. Office, 117, Victoria Street, S.W.

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. 1899 "Code of Rules for Judging, &c."

III. Exhibitors must give at least seven clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. This does not apply to New or Rare Plants, &c., for Certificate; see page 72.

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 10 a.m., at which hour the doors will be closed. All Rose box lids must be removed by 10.45 a.m.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened. *All persons* (except such as may be officially retained by the Society) *must retire* at 10.55, at which hour the Judges will proceed to make the awards.

IX. No Exhibitor may compete in two similar Classes, differing *only* in the *number* of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. **All specimens must be the bona fide property of, and have been grown by, the Exhibitor or his Employer for at least three months before the date of the Exhibition. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.**

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent, on the morning of the Show.

XV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

REGULATIONS FOR EXHIBITORS.

NATIONAL DAHLIA SOCIETY'S SHOW.

I.—The designation of Nurserymen in this Schedule is intended to include all trading Florists. No person shall be allowed to compete as an Amateur who sells Plants, Flowers, or roots; nor any person in the employ of a Nurseryman. Any objection raised as to the rightful qualification of an Exhibitor shall be referred to the Committee for arbitration, and their decision shall be final and binding on both parties.

II.—All Dahlias exhibited in competition must be the *bona fide* growth of the Exhibitor.

III.—No two Exhibitors may show from the same garden.

IV.—Intending Exhibitors must give notice in writing, naming the classes they wish to show in, to the Hon. Secretary (*see* Regulation XI.) on or before August 29th. N.B.—The Committee reserve the right to refuse the entries of any Member whose subscription has not been received by August 23rd by the Hon. Treasurer, C. E. Wilkins, 19, Lyndhurst Road, London, S.E.

V.—Cards corresponding with the entries will be furnished to the competitors on the morning of the Exhibition.

VI.—The Judges have the right of withholding any Prize where the exhibits may be considered unworthy of reward. No Exhibitor will be allowed to obtain more than one Prize in a Class unless otherwise specified, except in the case of Seedlings.

VII.—Except where otherwise stated, Dahlia blooms of the Show type should be shown on the usual Green stands. Thus, stands for 12 blooms should measure 24 inches by 18 inches, the height in front being 3 inches, and at the back 9 inches; and in like proportion for the other numbers to be staged.

VIII.—All flowers are to be legibly named.

IX.—No New Dahlias shall be exhibited in competition in any class, except varieties which are exhibited with a distinctive name, together with the name of the introducer or raiser, the names of such varieties to be retained as their future distinctive appellation.

X.—All exhibits must be ready for the Judges by 11 o'clock on the first morning of the Exhibition, September 2nd. The Exhibition will close at 6 P.M. on September 3rd.

XI.—None but Members of the National Dahlia Society may exhibit at this Exhibition.

XII.—Entries and all communications relating to the Dahlia Show (but *not* Subscriptions) to be addressed to the Hon. Secretary, J. F. Hudson, Gunnersbury House, Acton, W.

ESTABLISHED

A.D. 1804.



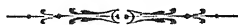
INCORPORATED

A.D. 1809.

THE

ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.



PATRON.

Her Gracious Majesty Queen Alexandra

ARRANGEMENTS

FOR THE YEAR



1903.



Telegrams: "HORTENSIA, LONDON."



LONDON

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

BY

SMITH & EBBS, LIMITED, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.

Novelties . .

. . for 1903.

SHARPE'S Standard Pea.

SHARPE'S IMPROVED
GIANT Nantes Carrot.

SHARPE'S Reliance Tomato.

SHARPE'S GLOBE DRUMHEAD Cabbage.

SHARPE'S Denbigh Castle Potato.

SHARPE'S Express Potato.

SHARPE'S Early Peter Potato.

&c., &c., &c., &c., &c.

For Full Particulars of above, and many other First-Class NOVELTIES AND SPECIALITIES, see our Wholesale Catalogue, which may be obtained by any Seedsman by applying to us.

Seedsman Cataloguing our Specialities will be supplied with Electros at Cost Price.

CHARLES SHARPE & CO.,
(LIMITED)
SLEAFORD.

R.H.S. Advertisement Office:—117, VICTORIA STREET, LONDON, S.W.

1903-1904.
COUNCIL AND OFFICERS
OF THE
Royal Horticultural Society.

OFFICES:
117, VICTORIA STREET, WESTMINSTER, S.W.
TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.
HER MOST GRACIOUS MAJESTY QUEEN ALEXANDRA.

PRESIDENT.
SIR TREVOR LAWRENCE, BART., K.C.V.O., V.M.H.

VICE-PRESIDENTS.
The Right Hon. JOSEPH CHAMBERLAIN, M.P.
The Right Hon. The EARL OF DUCIE.
The Right Hon. LORD ROTHSCHILD.
Sir JOHN LLEWELYN, Bart., D.L., F.R.S., F.L.S.
Sir FREDERICK WIGAN, Bart.

TREASURER.
J. GURNEY FOWLER.

COUNCIL.
REV. H. A. BERNERS, M.A.
GEO. BUNYARD, V.M.H.
CAPT. G. L. HOLFORD, C.V.O., C.I.E.
JAMES HUDSON, V.M.H.
THE EARL OF ILCHESTER.
FREDERICK LLOYD, J.P.
W. MARSHALL.
HENRY B. MAY.
ALFRED H. PEARSON.
Baron Sir H. SCHRÖDER, Bart., V.M.H.
HARRY J. VEITCH, F.L.S.
ARTHUR L. WIGAN.

AUDITOR.
ALFRED C. HARPER (Messrs. Harper Bros., Chartered Accountants).
PROFESSOR OF BOTANY.
REV. G. HENSLOW, M.A., V.M.H.

CONSULTING CHEMIST.
DR. A. VOELCKER, M.A.

FOREIGN CORRESPONDING SECRETARY.
MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.
REV. W. WILKS, M.A.

GARDEN SUPERINTENDENT.
S. T. WRIGHT.

ASST. SUPERINTENDENT.
T. HUMPHREYS.

CASHIER.
FRANK READER.

CLERKS.
H. R. HUTCHINSON.
W. H. PLOWMAN.
G. A. WILLIAMS.
JOSEPH MILES.

BANKERS.
LONDON AND COUNTY BANKING COMPANY (Westminster Branch).

TABLE OF CONTENTS.

| | PAGE |
|--|------|
| GENERAL NOTES ON THE SOCIETY | 3 |
| ELECTION AND PRIVILEGES OF FELLOWS | 6 |
| COMMUTATION OF SUBSCRIPTIONS | 7 |
| AFFILIATION OF LOCAL SOCIETIES | 8 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 10 |
| CHISWICK GARDENS | 11 |
| TRIALS AT CHISWICK IN 1903 | 14 |
| QUANTITIES OF SEEDS, &c., TO BE SENT | 15 |
| RAILWAYS TO CHISWICK, AND HOW TO GET THERE ... | 16 |
| STUDENTS AT CHISWICK | 19 |
| EXAMINATION IN HORTICULTURE | 21 |
| CHEMICAL ANALYSIS PRIVILEGES | 26 |
| THE JOURNAL OF THE SOCIETY | 34 |
| THE LINDLEY LIBRARY | 41 |
| SCIENTIFIC COMMITTEE | 44 |
| FRUIT AND VEGETABLE COMMITTEE | 46 |
| FLORAL COMMITTEE | 47 |
| ORCHID COMMITTEE | 48 |
| NARCISSUS AND TULIP COMMITTEE | 49 |
| REGULATIONS FOR EXHIBITORS | 50 |
| THE SHERWOOD SILVER CUP | 55 |
| MEETINGS AND LECTURES IN 1903 | 56 |
| FORCED HYACINTH AND TULIP PRIZES | 59 |
| AURICULA AND PRIMULA SHOW | 61 |
| TULIP SOCIETY'S SHOW | 63 |
| TEMPLE SHOW, 1903, NEW RULES FOR | 66 |
| SUMMER SHOW AT HOLLAND HOUSE | 72 |
| CARNATION SOCIETY'S SHOW | 77 |
| DAHLIA SOCIETY'S SHOW | 89 |
| RULES FOR COMPETING FOR PRIZES | 97 |
| RULES FOR AURICULA AND PRIMULA SHOW | 98 |
| RULES FOR ROSE SHOW | 99 |
| RULES FOR CARNATION SHOW | 101 |
| RULES FOR DAHLIA SHOW | 102 |
| ADVERTISEMENTS. | |

1903-1904.
THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. It was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third. It is composed of Fellows, and of Honorary and Corresponding Members; and its affairs are managed by a President and Council of fifteen Members elected annually from among the general body of Fellows.

THE SOCIETY'S GARDENS, CHISWICK.

2. The Gardens of the Society, 12 acres in extent, are situated at Chiswick, a short and convenient distance from London, being easily accessible by rail, &c. (*See pages 11—17.*)

3. They are devoted to the culture of Fruits, Vegetables, stove, greenhouse, and hardy Flowers and Plants, &c.

4. Experiments and trials are made in connection with new and rare varieties of fruits, flowers, or vegetables, and the results are published in the Society's *Journal*.

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, are held (as a rule) on the alternate Tuesdays* throughout the year in the **Drill Hall** of

* The dates of the Temple Show and the Great Autumn Fruit Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

the London Scottish R.V., **Buckingham Gate, Victoria Street, Westminster** (about equi-distant from Victoria and St. James's Park Stations on the District Railway, and close to the Society's Offices and the Army and Navy Stores). Fellows of the Society are admitted free, at 1 o'clock; and the Public at 2 o'clock on payment of one shilling. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. The Lectures are published in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices and Library of the Society are situated at **117, Victoria Street, Westminster**, where also is kept the invaluable Horticultural and Botanical Library purchased by the Lindley Library Trustees, from the executors of the late Dr. Lindley. The libraries, containing upwards of 4,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (*See* page 41.)

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last century. The *Journal* is regularly forwarded post free to all subscribing Fellows (and to such Honorary and Life Fellows as make written application for it). It contains an account of the Meetings, together with the results of the trials, &c., at the Chiswick Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports

of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (*See page 34.*)

INSPECTION OF GARDENS.

9. Fellows desiring to have their Gardens examined can obtain a thoroughly competent Inspector from the Society, who will report and advise at the following cost, viz. :—a Fee of £2 2s. for one day (or £3 3s. for two days) together with all out of pocket expenses. No inspection may take up more than two days.

INFORMATION.

10. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

11. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work, which is now only hindered for lack of sufficient support. There are at present about 6,500 Fellows on the Society's roll, but that number ought to be considerably increased if the Society is to take up all the opportunities of useful work opening before it.

ELECTION AND PRIVILEGES OF FELLOWS,

AND TERMS OF SUBSCRIPTION TO THE *Royal Horticultural Society.*

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained from the Office, 117, Victoria Street, Westminster. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 7), is entitled—

- 1.—To **One** Non-transferable (personal) Pass and **Five** Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's **Journal** containing the Papers read at all Meetings and Conferences, Reports of trials made at Chiswick Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, &c., as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A. B. C. Railway Guide), are entitled to a double share. For any Fellow living abroad instead of a share in the surplus plants the Council will endeavour to obtain any rare seeds not easily obtainable in the country the Fellow resides in.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following Fees:—One day £2 2s., Two days £3 3s., *plus* all out of pocket expenses. (*See* page 5.)
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Chiswick.
- 10.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

A Fellow subscribing 1 guinea a year (or commuting) is entitled—

- 1.—To **One** Transferable Ticket (in lieu of the non-transferable personal pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

N.B.—Each Transferable Ticket or Non-Transferable personal Pass will admit Three persons to the Gardens at Chiswick on any day *except* days on which an Exhibition or meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **One** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; or of **Fifteen Guineas** in lieu of a £1 1s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION OF LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*, and the power of voting at Meetings.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase at cost price Silver and Bronze Medals, Cards for Commendation, &c.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*, and the power of voting at Meetings.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase, at cost price, Silver and Bronze Medals, Cards for Commendation, &c.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

Price of Medals, &c., to Affiliated Societies.

| NEW MEDAL. | | | | | |
|-------------|-----|---|-----------|-----|------|
| Silver Gilt | ... | } | with Case | ... | 16/6 |
| Silver | ... | | | ... | 12/6 |
| Bronze | ... | | | ... | 5/6 |

Cards for Certificates, Commendations, &c.

Price 3/6 for 10; 5/6 for 20; 11/6 for 50; 20/- for 100.

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application *through the Secretary of their own Society* (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1902.

AFFILIATED SOCIETIES.

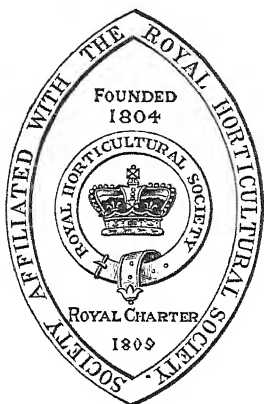


FIG. 1.

A wish having been expressed by some of the societies which are affiliated to the Royal Horticultural Society that they may be provided with a distinctive badge as the outward symbol of their affiliation, the Council have caused one to be prepared (Fig. 1), which may be used by Affiliated Societies, on letter paper, schedules, &c., as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____ Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the _____ Society.

A very appropriate Card has also been designed for the sole use of Affiliated Societies. The centre of the Card is blank so that it can be used for Certificates, Awards, Commendations, &c., at pleasure, the few necessary words of printing being easily supplied locally.

The Council have further struck an entirely new Medal, Fig. 2, to meet the constant requirements of Affiliated Societies. It can be obtained in Gold, Silver Gilt, Silver and Bronze, and is reserved for the use of Affiliated Societies only.



FIG. 2.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 8.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

CHISWICK GARDENS.

ESTABLISHED A.D. 1822.

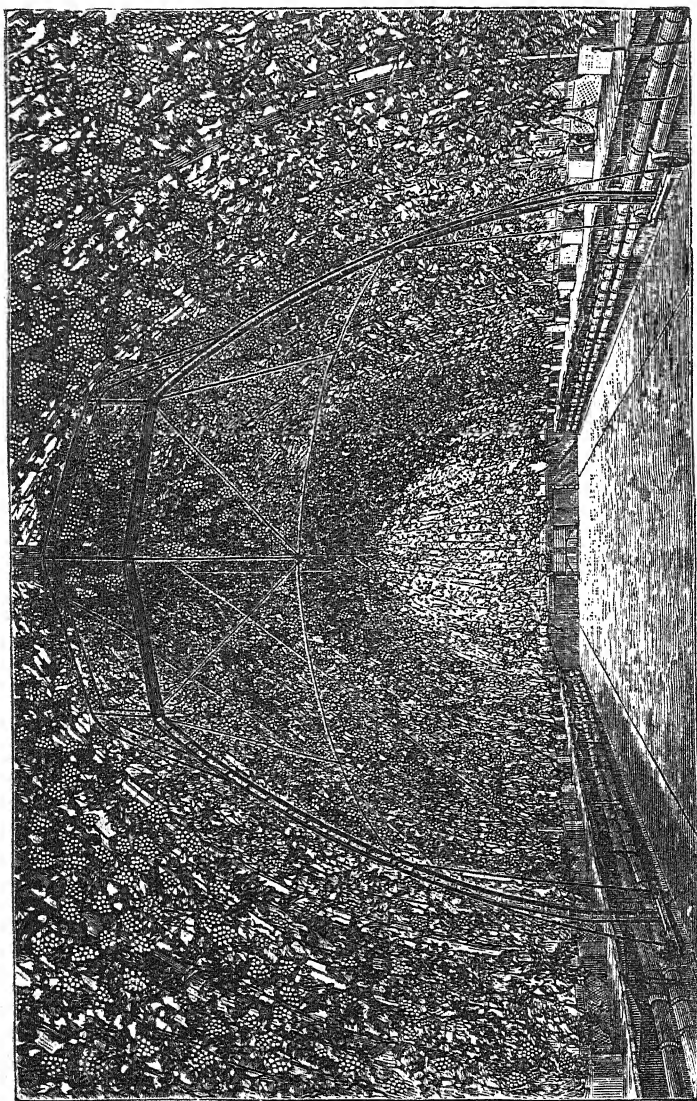
1903-1904.

THE Society's Gardens were first established at Chiswick in 1822, and since that time have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

The Council being anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows, have given careful attention to their present condition. The gardens are devoted (1) to the cultivation of all such fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; (2) to the trial of new sorts side by side with established varieties; (3) to the hybridization of Plants and the raising of New Varieties; (4) to experiments in the culture and treatment of those plants which possess a floral or decorative as distinguished from a merely scientific value and interest. To these may be added (5) the trial of such Horticultural appliances and materials as may from time to time be submitted.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and happily forms one of the most valuable features of the Gardens. There is an almost unique collection of the best varieties of fruits, and it is intended to maintain and extend it by the trial of such novelties as the raisers may be good enough to bestow on the Society.

The cultivation of Grapes is conducted on a large scale, and the Great Conservatory, 180 ft. by 30 ft. and 26 ft. in height



THE GREAT VINERY, CHISWICK GARDENS.

(one of the largest and noblest structures devoted to Grapes in this country), affords at all seasons ready examples of, and instruction in, successful Grape Culture, which might be of service to many of the Fellows; and when the fruit is ripe is an object of the greatest possible beauty. House No. 14 has been planted with Muscats and is similarly useful and instructive.

House No. 5, which is devoted to Peaches trained on the back wall, has also been furnished with bush trees in front of them, and their culture will it is hoped prove extremely interesting to many Fellows.

Two of the largest houses, Nos. 2 and 6, are devoted to the cultivation of Figs in pots, forming, without doubt, the finest and most varied collection of Figs to be found in this or any country, and will well repay the attention of all lovers of this particular fruit.

A collection of standard and typical varieties of different vegetables will again be grown (as far as space permits) for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of vegetables are made every few years in rotation, and descriptive reports given. (*See* page 14.)

The Floral department includes plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year. The collections of Cannas, Phloxes, Herbaceous Pæonies, Iris, Perennial Asters, Ivies, Early and Late Chrysanthemums, Cape and Zonal Pelargoniums are very extensive. A large number of Carnations have been planted. Hybrid Tea and China Roses, and Cactus Dahlias, as well as the subjects mentioned on page 14, will receive special attention this year.

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street, Westminster.

TRIALS PROPOSED AT CHISWICK,

1903-1904.

CACTUS DAHLIAS.—Two plants of each. Only those varieties introduced during the past 5 years. To be sent to Superintendent, R.H.S. Gardens, Chiswick, on or before May 15th.

BORDER CHRYSANTHEMUMS.—Two plants of each. Only those varieties introduced during the past 5 years. To be sent on or before February 14.

GERMAN OR FLAG IRISES.—Two plants of each should be sent.

POTTIES.—Seeds to be sent on or before February 1.

FRENCH BEANS.—Dwarf and Climbing. Half a pint of each should be sent on or before March 31.

POTATOS.—Any *New* varieties. 20 Tubers of each to be sent on or before February 1.

PEAS.—Any *New* varieties.—Half a pint of each should be sent.

TOMATOS.—Any *New* Varieties. 20 seeds of each.

VETETABLE MARROWS.—10 seeds of each.

All of the above should be sent addressed to the Superintendent, Royal Horticultural Society's Gardens, Chiswick, W.

QUANTITIES OF SEEDS, &c., TO BE SENT, WHEN
REQUIRED, FOR TRIAL AT CHISWICK.

Peas, Broad Beans, Dwarf Beans, Scarlet Runner Beans—Half a pint of seed of each variety.

Cabbages, Kales, Cauliflowers, Broccoli, Brussel Sprouts, Savoys, Carrots, Celery, Beet, Parsnip, Turnip, Leeks, Lettuce, Onions, Radish, Parsley—Half an ounce of each.

Potatoes—20 tubers of each variety.

Tomatos—25 seeds of each variety.

Cucumbers, Gourds, Marrows—Six seeds of each variety.

Strawberries—20 runners of each.

New Fruits, &c., one or two trees, plants, or bushes of each.

Flower Seeds—Sufficient of each variety to ensure a fair trial.

LINDLEY LIBRARY CATALOGUE.

A Complete Guide to the Library

AND

A BIBLIOGRAPHY OF GARDENING.

PRICE, POST FREE, 2s. 6d.

From R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

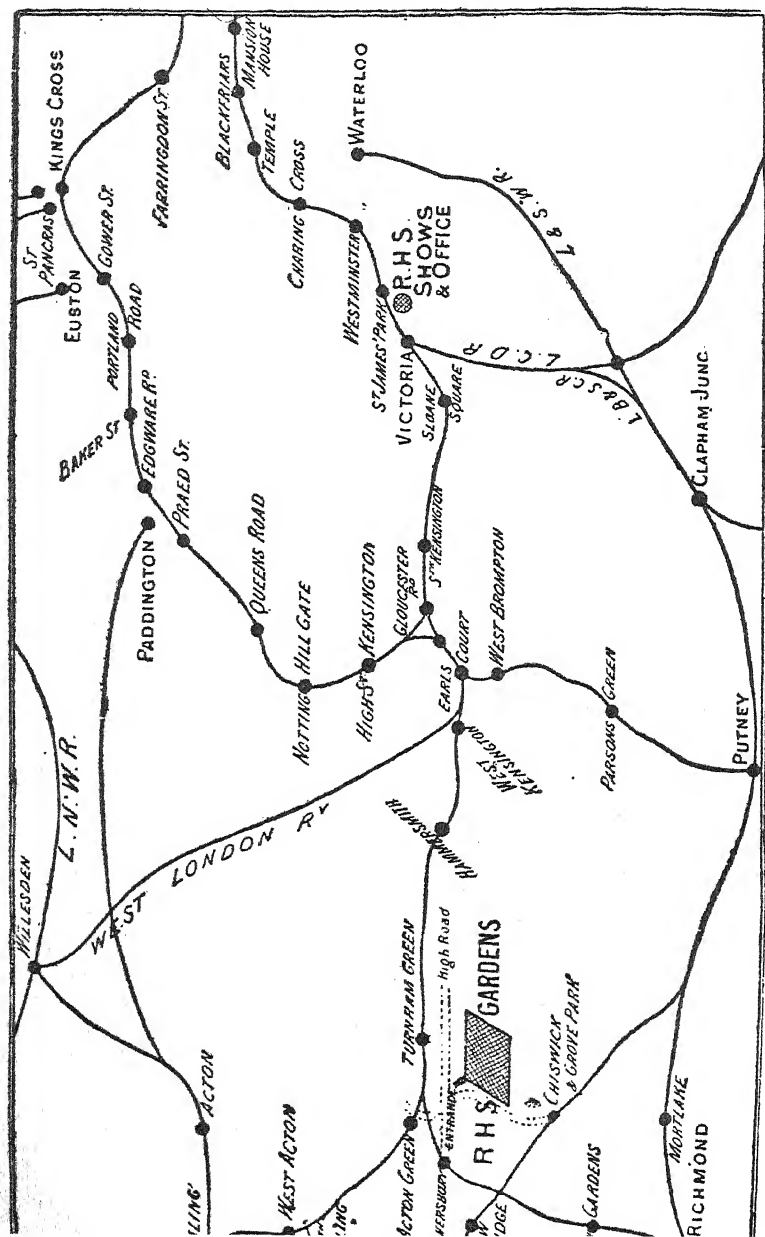
JUDGING RULES.

These Rules, which are known as the "R. H. S. 1899 Code of Rules for Judging, and Suggestions to Schedule Makers, Judges, and Exhibitors," have been drawn up by a Committee of Experts, and should prove to be of great value to the Secretaries and Committees of all Horticultural Societies.

PRICE, POST FREE, 1s. 6d.

From the R.H.S. Office, 117, VICTORIA STREET, LONDON, S.W.

RAILWAY COMMUNICATION WITH CHISWICK GARDENS.



D I R E C T I O N S
TO
FELLOWS OF THE SOCIETY AND OTHERS
WISHING TO VISIT THE
SOCIETY'S GARDENS AT CHISWICK
(Opposite Turnham Green Church).

1. In coming from *Victoria, Charing Cross, or any Station on the Metropolitan District Railway*, book to ACTON GREEN, and travel by the Ealing trains, which run every half-hour; or by intermediate trains, changing at EARL'S COURT; or by Richmond trains to TURNHAM GREEN, every hour.

2. From *Waterloo, Clapham Junction, and Stations on the South Western Railway*, book to CHISWICK STATION. Trains about every hour.

3. From *Brixton, Clapham, Chelsea, &c.*, book to TURNHAM GREEN. Trains about every hour.

4. From *Liverpool Street, and Stations on the Great Eastern Line*, book from Broad Street to GUNNERSBURY, and travel by Richmond train—trains every hour; or from *Bishopsgate (Metropolitan)* to TURNHAM GREEN. Trains every hour.

5. From *Great Northern and Midland Railways*, book from *King's Cross (Metropolitan)* to TURNHAM GREEN, and travel by Richmond train. Trains every hour.

6. From *Broad Street and Willesden Junction, and all Stations on the London and North Western*, book to GUNNERSBURY, and travel by Richmond train. Trains every hour.

7. From *Windsor, Reading, and all Stations on the Great Western*, change at Ealing, and take tickets for ACTON GREEN; or change at Westbourne Park, and take tickets for TURNHAM GREEN, travelling by the Richmond train.

8. By the *Tube*—i.e., *The Central London Electric Railway*—to SHEPHERD'S BUSH STATION, and thence by all *Electric trams* to Kew Bridge, Hounslow and Twickenham, all of which stop at TURNHAM GREEN CHURCH, close to the Gardens.

9. *Omnibuses and Tram Cars*.—There is a regular service of these from London (Piccadilly) through Kensington and Hammersmith every few minutes; also from Oxford Street, through Bayswater and Notting Hill. Passengers should alight at Turnham Green Church, opposite and close to the Gardens.

Cabs in waiting at Turnham Green and Gunnersbury Stations.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS, CHISWICK.

*(Opposite Turnham Green Church, and close to Acton Green,
Gunnersbury and Turnham Green Railway Stations.)*

On showing their Pass Ticket (or in the case of £1 1s. Fellows their Transferable Ticket) Fellows of the Society have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors are admitted on presenting a Fellow's Transferable Ticket; or by payment of, on ordinary days, Sixpence, but on September 29th, 30th and October 1st such other payment as the Council may appoint.

A Fellow's Ticket will admit *three* persons to the Gardens on all ordinary days, but *one* only on Show Days.

Children are not admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the R. H. S., 117, Victoria Street, Westminster, S.W., which will secure them special facilities for observation and study.

The gates open daily (Sundays and Holidays excepted) at 9 a.m., and close at sunset. On Sundays and Public Holidays the Gardens are closed.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS, CHISWICK.

The Society admits a limited number of young men to study Gardening in their Gardens at Chiswick. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students at Chiswick are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, 117, Victoria Street, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission to Chiswick Gardens is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Chiswick, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Assistant-Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

| | |
|-------------------------|-------------------------|
| E. A. N. ARBER, 1893. | A. G. MACWHIRTER, 1899. |
| W. D. WILLOUGHBY, 1894. | H. A. BURDETT, 1899. |
| F. S. HARRIS, 1894. | E. RODIGAS, 1899. |
| H. MACKAY, 1894. | A. M. HORDER, 1899. |
| G. F. TINLEY, 1894. | H. C. CHAPELOW, 1899. |
| W. N. SANDS, 1894. | E. M. BEAR, 1899. |
| L. B. DAVIS, 1894. | H. MISVAER, 1900. |
| H. FORNAULT, 1895. | E. EDWARDS, 1900. |
| F. W. TAPPLY, 1896. | H. BROAD, 1900. |
| G. DRINKWATER, 1896. | C. CAREY, 1900. |
| J. LE NIEN, 1896. | C. GLEED, 1900. |
| A. THEAKSTONE, 1896. | S. P. JACKSON, 1900. |
| E. MILLER, 1897. | G. STAPLES, 1900. |
| R. WHITE, 1897. | B. SMITH, 1900. |
| W. K. REED, 1897. | K. G. BURBIDGE, 1900. |
| H. S. LANGFORD, 1897. | F. CURTIS, 1901. |
| B. LYNN, 1898. | H. F. ROBSON, 1901. |
| A. D. COTTON, 1898. | C. H. BUCK, 1901. |
| W. C. L. VICKERS, 1898. | L. GOFFIN, 1901. |
| H. SPOONER, 1898. | F. HOULSTON, 1902. |
| F. COLE, 1898. | J. MONTGOMERY, 1902. |
| H. P. GLAISTER, 1898. | H. W. BARNWELL, 1902. |
| P. BRUANT, 1898. | S. E. SERY, 1902. |
| V. CLEEVE, 1899. | H. TYLER, 1902. |
| J. ETHERINGTON, 1899. | H. NOACK, 1902. |
| F. G. STORRS, 1899. | L. COLLINS, 1902. |
| G. PYMAN, 1899. | |

Mr. Tinley, Mr. Gleed, Mr. Langford and Mr. Bertram Smith having been awarded Scholarships in connection with the Worshipful Company of Gardeners were on Friday, June 28th, 1901, admitted to the Freedom of the Company and presented with the Company's Certificate.

EXAMINATION IN HORTICULTURE,

1903.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 22nd, 1903.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad: their Mineral Composition; Chemical Nature of Fertilisers and their respective values.
- (2) The Physiological values of Water, Heat, and Air in Plant Growth.
- (3) The Structure of Seeds and their Modes of Germination; the Chemical Phenomena of Germination; the Movements of Seedlings and the uses of them.
- (4) The Functions of Roots; their Anatomical Structure; Hindrances to Healthy Root-action and their remedies.
- (5) The Uses of Stems and Branches; the Anatomical Structure of ordinary Dicotyledonous and of a Monocotyledonous Stem.
- (6) The Physiological Functions of Leaves, and the Action of Light upon them.
- (7) The Structure of Tubers and other Subterranean Stems; the Structure of Bulbs and Buds; the General Phenomena of Vegetative Multiplication.
- (8) The Physiological Processes undergone in Growth and Development; the Structure of an Active Cell, and the process of Cell-division and the formation of Tissues.
- (9) The Structure of Flower-buds and of Flowers; the Methods of Pollination, Natural and Artificial.

- (10) The Process of Impregnation of the Ovule, and the Formation of Embryo and Endosperm.
- (11) The Classification and Description of Fruits; the Changes and Development during Ripening.
- (12) The General Characters of the Commoner Families of Plants in Cultivation.
- (13) The Origin of Species.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening: Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods: Digging and Trenching; Draining; Hoeing, Stirring the Soil, and Weeding, Watering; Preparation of Seed Beds; Rolling and Raking, Sowing, Transplanting and thinning; Potting, Planting: Aspects, Positions and Shelter; Staking; Earthing and Blanching, &c.
- (5) Propagation, Elementary principles: Cuttings, Buddings and Grafting Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works:—

Primer of Botany, by Sir J. D. Hooker, K.C.S.I. (MacMillan & Co., 30, Bedford Street, W.C.) 1/-.

Elementary Botany, by Professor Percy Groom (Bell & Sons, Covent Garden). 3/6.

Elementary Botany, by J. W. Oliver (Blackie & Sons, 50, Old Bailey, E.C.) 2/-.

- Agricultural Botany**, by Professor Potter (Methuen), 4/6.
- Agriculture**, by R. Hedger Wallace (Chambers), 3/6.
- Botany for Beginners**, by Professor Henslow (Stanford), 2/6.
- Floral Dissections**, by Professor Henslow (Stanford), 4/-.
- How to Study Wild Flowers**, by Professor Henslow (R.T.S.), 2/6.
- Structural Botany** (Flowering Plants), by Dr. D. H. Scott (A. & C. Black, Soho Square, W.C.), 3/6.
- Plant Life**, by Dr. M. T. Masters, F.R.S. (Vinton & Co., 9 New Bridge Street, E.C.), 2/6.
- Plant Breeding**, by Professor L. H. Bailey (MacMillan & Co.), 4/.
- Elements of Agriculture**, by W. Fream, LL.D. (J. Murray, Albemarle Street, W.), 3/6.
- Primer of Horticulture**, by J. Wright, V.M.H. (MacMillan & Co.), 1/-.
- Physiology of Plants**, by Dr. Paul Sorauer (Longmans, Green & Co., 39, Paternoster Row, E.C.), 9/-.
- Chemistry of the Garden**, by H. Cousins (MacMillan & Co.), 1/-.
- Diseases of Plants**, by Professor H. Marshall Ward (S.P.C.K., Northumberland Avenue, W.C.), 2/6.
- Profitable Fruit Growing**, by J. Wright, V.M.H. (Journal of Horticulture, 12, Mitre Court Chambers, E.C.), 1/3.
- Art of Budding and Grafting**, by C. Baltet (Crossby Lockwood, Stationers' Hall Court, E.C.), 2/6.
- Pruning**, by Professor L. H. Bailey (MacMillan & Co.), 5/.
- Natural History of Plants**, 2 Vols., by Kerner & Oliver (Blackie & Son), 50/-.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is $2\frac{1}{2}$ hours, the hour fixed being generally from 7 to 9.30.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticultural Operations and Practice." It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 250 Marks and over will be placed in the FIRST CLASS. Those gaining 200 to 249 will be placed in the SECOND CLASS, and those gaining between 100 and 199 will be placed in the THIRD CLASS. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at **least ten days** before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give the information asked for on the enclosed coloured form.

12. A small capitation fee of 3s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. N.B.—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

SCHOLARSHIPS.

In 1894 SIR TREVOR LAWRENCE, Bart., V.M.H., President of the Society, and Master of the Worshipful Company of Gardeners, offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions is that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he will study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he may, if he likes, continue his studies at some other place at home or abroad which shall be approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

Similar Scholarships were presented by : —

Baron SCHRÖDER, V.M.H., in 1895.

The Worshipful Company of Gardeners, 1896.

N. N. SHEERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners, 1897.

G. W. BURROWS, Esq., 1898.

The Right Hon. the LORD AMHERST, 1899.

HENRY WOOD, Esq., 1900.

F. G. IVEY, Esq., 1901.

Sir WILLIAM FARMER, 1902.

— STRAUSS, Esq., 1903 and 1904.

SCHOLARS :—

| | | | |
|-----------|-----|-----|----------------------|
| 1894-5-6 | ... | ... | Mr. W. N. SANDS. |
| 1895-6-7 | ... | ... | Mr. G. F. TINLEY. |
| 1897-8-9 | ... | ... | Mr. H. S. LANGFORD. |
| 1898-9 | ... | ... | Miss HARRISON. |
| 1899-1900 | ... | ... | Mr. C. J. GLEED. |
| 1900-1 | ... | ... | Mr. B. SMITH. |
| 1901 | ... | ... | Mr. CHARLES H. BUCK. |
| 1901-2 | ... | ... | Mr. L. L. GOFFIN. |
| 1902-3 | ... | ... | Mr. WM. BROWN. |

In case of two or more eligible students being adjudged equal marks, the Council reserve to themselves the right to decide which of them shall be presented to the Scholarship.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made:—

- | | | |
|-----|--|---------|
| No. | | |
| 1. | — An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2. | — An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3. | — An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4. | — An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5. | — An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6. | — An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7. | — Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8. | — An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. from 10s. to £1 | |
| 9. | — An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10. | — Partial analysis of a soil, including determinations of clay, sand, organic matter, and carbonate of lime | 10s. |
| 11. | — Complete analysis of a soil | £3 |
| 12. | — Analysis of any vegetable product | 10s. |
| 13. | — Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14. | — Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15. | — Analysis of water used for domestic purposes | £1 10s. |
| 16. | — Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analyses must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c. (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS.

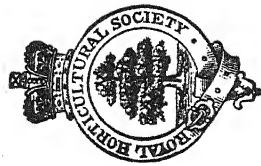
In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed on next page and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 30 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, &C.

Address

To

Date

Please supply me for delivery

Tons Cwt. of

per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, &c. to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertiliser not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 26.

PLANTS, &c.,

CERTIFICATED BY THE

Royal Horticultural Society,

FROM 1859 TO 1899 INCLUSIVE.

A Complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the Year 1859 to December, 1899.

Price 5s., post free,

FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

“JOURNAL”

OF THE

ROYAL HORTICULTURAL SOCIETY.

(Entered at Stationers' Hall.)

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 98 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at Chiswick and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Drill Hall, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebenoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.

Vol. V., 1878-79, part 5. Filberts; Savoy; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; To Fellows, 1s.; non-Fellows, 1s. 6d.

- Vol. VI., 1880, 168 pages. Proceedings of the Society, 1s.
- Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference**: Papers on Asparagus, Winter Salads, Peas, Potatos, &c.; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c.; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.

Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, &c. To Fellows, 2s. ; non-Fellows, 5s.

Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferæ, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. Price to Fellows, 7s. 9d. ; Non-Fellows, 15s. 6d.

Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c.; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s. ; non-Fellows, 4s.

Vol. XV., parts 2 and 3, January, 1893, 400 pages. Report of the **Begonia Conference**; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d. ; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. The effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s. 6d. ; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d. ; non-Fellows, 5s.

- Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs; The "Larch Disease;" "Forest Trees for Commercial Purposes;" "The Utilization of Waste Ground unsuitable for Agriculture;" "The General Management of Woods"—**Conference on British Grown Fruit**; "Fruit Growing, in Small Gardens;" "Fruit Growing on a Large Scale;" and "Packing, Grading and Marketing Fruit," &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows. 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show**, Report. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy Summer Flowers; Chrysanthemums; Seed-Growing, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen; Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.

Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California; Orchids in Guiana; Professor Henslow on Plants; Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Examination; Apples and Pears for Flavour. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; Onions; Tomatos. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 1, July, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Professor Henslow on Plants; Asparagus; Alpine Floras of Britain and Switzerland; Onions; Examination in Horticulture. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 2, November, 1899, 190 pages. Light and Heat; Rock Gardens and Streams and Plants for them;

Movements of Plants ; Fertilisation by Insects, &c.; Dispersal of seeds ; Pruning ; Drought of 1898 ; Plant Manures ; Fruit Stations ; open air Vines ; Dahlias. To Fellows, 2s. 6*d.* ; non-Fellows, 5s.

Vol. XXIII., part 3, August, 1900, 292 pages. **Crystal Palace Fruit Show** ; Scale and Mealy Bug ; Growth of the Fruit Trade ; Professor Henslow on Plants ; Fruit Growing in South Wales ; Experiments in Potato Growing ; Examination ; Examination Questions, 1893-1900 ; Chrysanthemums ; Cabbages ; Brussels Sprouts ; Kales ; Black Currant Mite ; Prunes ; Alpine Plants ; Vines in the Open Air ; Meteorology at Chiswick ; Charters and Bye-Laws. To Fellows, 2s. 6*d.* ; non-Fellows 5s.

Vol. XXIV., April, 1900, 348 pages. Contains a full Report of the **Conference on Hybridisation** ; Hybridisation and Cross-Breeding as a Method of Scientific Investigation ; Fertilisation of Anthuriums ; Hybridising of Monstrosities ; Hybridisation and its Failures ; Experiments in Hybridisation and Cross-Breeding ; Work of the United States Department of Agriculture on Plant Hybridisation ; The Structure of Certain New Hybrids ; Hybridisation viewed from Systematic Botany ; Hybrid Poppies, &c., &c. Price to Fellows, 4s. ; non-Fellows, 7s. 6*d.*

Vol. XXV., parts 1 and 2, November, 1900, 362 pages. Ornamental Trees and Shrubs ; Evolution of Plants ; Narcissi ; Problems in Heredity ; Aquatic plants ; Protoplasm and Evolution ; Phenomena of Germination ; Uses of Leaves ; Roses ; Lilies ; Cherries and Plums in pots ; Melons ; Montbretias and Crocosmias ; Strawberry Mildew ; Diseases of Gooseberries ; Saving the Rain ; Reports on trials at Chiswick, &c., &c. Price to Fellows, 4s. ; non-Fellows, 7s. 6*d.*

Vol. XXV., part 3, April, 1901, 277 pages, 100 Illustrations. Figs in Pots ; Egyptian Vegetation ; The Law of Separation of Characters in Crosses ; On Crosses with Dissimilar Heredity ; Mistakes in Orchards ; The Black Currant Bud-Mite ; Fumigation with Hydrocyanic Acid Gas ; Imperial Gardens ; Cherry-

Leaf Disease; Mistakes in Fruit Culture; Heating and Ventilating Hothouses; Horticultural Progress in the Nineteenth Century; Narcissi in New Zealand; Cultivation of Oranges; Meteorological Observations at Chiswick; Reports on Celery, Celeriac, Late Potatoes, Miscellaneous Vegetables, Flowering Plants, Insecticides and Appliances, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., parts 1 and 2, August, 1901, 388 pages, 154 Illustrations. Mendel's Experiments in Hybridisation; Woad; Snowdrop Disease; Wild Gardens; Fumigation for Insects and Diseases; Bulbiform Seeds; Hybrid Conifers; Making and Un-making of Flowers; Construction of a Verandah; Inconspicuous Orchids; Fasciation; Improving Wild Plants; Alpines on Walls; Notes on Recent Research; Abstracts, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., part 3, December, 1901, 444 pages, 115 Illustrations. The Royal Parks; Propagation without Seeds; Awakening of Buds and Sleeping of Leaves; How Plants Climb; London Fog Injuries; Oncocyclus Irises; Mimicry in Plants; **Lily Conference Report**; Vine Culture for Wine; Iris Leaf Disease; Dye Plants; Tender Plants Outdoors; Garden Manures; Cactus Dahlias; Autumn Roses; Flowers and Fruits in Queensland; Violet Disease; Notes on Recent Research; Abstracts, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVII., part 1, September, 1902, 500 pages, 96 Illustrations. Fungoid Pests; Renovation of Old Fruit Trees; Nicotine in Horticulture; Birds versus Gardening; A Cape Garden; New Soil Science; Plant Communities; Pergolas; Campanulas; Figs in Wales; The Sycomore Fig; Classification by Evolution; The English Tulip; Weeds of the Garden; Pelargonium Disease; Flowers at Gibraltar; Horticulture at Cairo; The Daffodil Fly; Reports on Lettuce and Peas; Notes on Recent Research; Abstracts, &c., &c. Price to Fellows, 4s.; non-Fellows, 7s. 6d.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POË, Esq.
 W. CARRUTHERS, Esq., F.R.S.
 Dr. MAXWELL T. MASTERS, F.R.S.
 HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).
 Treasurer of the Royal Horticultural Society (J. GURNEY FOWLER, Esq.).

THIS magnificent Horticultural Library, with which the Society's Library is incorporated, consists of about 4,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and has recently been issued. About £130 has so far been subscribed towards the cost of producing it, but this does not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees. *See p. 15.*

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the Queen and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Council Room of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained. See p. 15.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings, p. 56, et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1903-1904.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale,

VICE-CHAIRMEN.

FOSTER, Sir MICHAEL, K.C.B., V.M.H., M.P., Sec. R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.

THISELTON-DYER, Sir WILLIAM T., K.C.M.G., F.R.S., Kew.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., F.L.S., V.M.H., 80, Holland Park, W.

BAKER, F. J., A.R.C.S., Shipley Hills, Meopham.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BALFOUR, Prof. I.B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.

BATESON, W., F.R.S., Merton House, Grantchester, Cambs.

BENNETT-POE, JOHN T., V.M.H., 29, Ashley Place, Westminster.

BIDGOOD, J., The High School, Gateshead.

BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.

BOULGER, Professor G. S., 3, The Vineyard, Richmond, Surrey.

BOWLES, E. AUGUSTUS, Myddelton House, Waltham Cross.

BROWN, Dr. HORACE, F.R.S., 52, Nevern Sqr., Kensington, S.W.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CHAMPION, G. C., Horsell, Worthing.

CHAPMAN, H. J., Oakwood, Wylam-on-Tyne.

CHITTENDEN, F. J., Technical Laboratory, Chelmsford.

CHURCH, Professor A. H., M.A., F.R.S., Shelsley, Kew Gardens.

COOKE, M. C., V.M.H., M.A., LL.D., 53, Castle Road, Kentish

Town, N.W.

DARWIN, FRANCIS, F.R.S., Wychfield, Huntingdon Road, Cambridge.

DAVIDSON, H. C., Fanners, Wickham Bishops, Essex.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

DOUGLAS, JAMES, V.M.H., Great Bookham, Surrey.

DRUERY, C. T., F.L.S., 11, Shaa Road, Acton, W.

DUNCAN, F. MARTIN, 1, Crescent Road, South Park, Reigate.

ELLACOMBE, Rev. Canon, Bitton, Bristol.

ELWES, H. J., F.R.S., V.M.H., Colesborne, Andoversford, Glos.

ENGLEHEART, Rev. G. H., M.A., F.S.A., V.M.H., Little Clarendon, Dinton, Wilts.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FRASER, JOHN, 4, Willow Cottages, Kew.

- GODMAN, F. DuCANE, F.R.S., 10, Chandos Street, Cavendish Sq.
 GORDON, GEORGE, V.M.H., Endsleigh, Priory Park, Kew.
 GROOM, Professor PERCY, F.L.S., Hollywood, Egham.
 HARTOG, Professor, D.Sc., M.A., Queen's College, Cork.
 HOLMES, E. MORELL, F.L.S., Ruthven, Sevenoaks.
 HOOPER, CECIL, Highlands, Swanley.
 HOUSTON, D., F.L.S., Royal College of Science, Dublin.
 HURST, Captain C., Burbage Grove, Hinckley.
 IM THURN, E. F., C.B.
 LINDSAY, R., Kaimes Lodge, Murrayfield, N.B.
 LLEWELYN, Sir J. T. D., Bart., D.L., F.R.S., F.L.S., Penllergaer,
 Swansea.
 LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.
 MASSEE, GEORGE, F.L.S., V.M.H., Gateacre, Sandycombe Road,
 Kew.
 MAWLEY, ED., Rosebank, Berkhamsted.
 McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.
 MICHAEL, A. D., F.L.S., 9, Cadogan Mansions, Sloane Sq., S.W.
 MORRIS, D., C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural
 Department for the West Indies, Barbados.
 MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.
 MURRAY, GEORGE, F.R.S., Natural History Museum, S.W.
 NEWSTEAD, ROBERT, F.E.S., Grosvenor Museum, Chester.
 NICHOLSON, GEO., A.L.S., V.M.H., 87, Larkfield Road, Richmond.
 O'BRIEN, JAMES, V.M.H., Harrow-on-the-Hill.
 ODELL, J. W., The Grove, Stanmore, Middlesex.
 OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.
 PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.
 RENDLE, Dr. A. B., Natural History Museum, S.W.
 RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.
 SALMON, ERNEST S., Charlton House, Kew.
 SAUNDERS, GEO. S., 20, Dents Road, Wandsworth, S.W.
 SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace,
 Richmond, S.W.
 SCOTT-ELLIOT, Prof. G. F., M.A., B.Sc., F.L.S., Fore House,
 Kilbarchan, Renfrewshire.
 SHEA, CHARLES E., The Elms, Foots Cray, Kent.
 SMITH, WILLIAM G., Ph.D., Yorkshire College, Leeds.
 SMITH, WORTHINGTON G., F.L.S., 121, High Street, Dunstable.
 SUTTON, A. W., V.M.H., F.L.S., Reading.
 VEITCH, H. J., F.L.S., 34, Redcliffe Gardens, South Kensington.
 WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.
 WORSDELL, W. C., Jodrell Laboratory, Royal Gardens, Kew.
 WORSLEY, A., Mandeville House, Isleworth.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1903-1904.

CHAIRMAN.

BUNYARD, GEO., V.M.H., Maidstone, Kent.

| | |
|--|----------------------|
| BALDERSON, H., Corner Hall, Hemel Hempstead. | } VICE- CHAIRMEN. |
| PEARSON, A. H., Hucknall Road, Nottingham. | |

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., The Gardens, Cross Deep, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

CASTLE R. LEWIS, Ridgmont, Aspley Guise.

CHEAL, JOSEPH, Lowfield, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

ESLING, H., Hillview, Croft Road, Carshalton.

FYFE, W., Lockinge Park Gardens, Wantage.

GIBSON, J., Danesfield, Marlow.

GOODACRE, J. H., Elvaston Castle Gardens, Derby.

IGGULDEN, W., North View, Frome, Somerset.

JAKES, J., Pound Street, Wendover, Tring.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., Berkhamsted.

MACKELLAR, A., Royal Gardens, Windsor.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

MAYCOCK, G. H., Luton Hoo Park Gardens, Beds.

MCINDOE, JAMES, V.M.H., Hutton Hall Gardens, Guisborough.

MELVILLE, A., Moulton Paddock Gardens, Newmarket.

MILES, G. T., Wycomb Abbey Gardens, High Wycomb.

MOLYNEUX, E., V.M.H., Swanmore Park, Bishops Waltham.

MORTIMER, S., Rowledge, Farnham, Surrey.

NIX, CHARLES G. A., Tilgate, Crawley.

NORMAN, G., V.M.H., Hatfield House Gardens, Hatfield.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham.

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton, W.

RIVERS, H. SOMERS, Sawbridgeworth.

SMITH, JAMES, V.M.H., The Gardens, Mentmore, Leighton Buzzard.

THOMAS, OWEN, V.M.H., 25, Waldeck Road, Ealing.

VEITCH, J. H., F.L.S., King's Road, Chelsea.

VEITCH, P. C. M., J.P., New North Road, Exeter.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court Gardens, Teston, Maidstone.

WRIGHT, H. J., 32, Dault Road, Wardsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

FLORAL COMMITTEE, 1903-1904.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

MAY, H. B., Dyson's Lane, Edmonton.

PAUL, GEORGE, V.M.H., Cheshunt.

SHEA, CHARLES E., The Elms, Foots Cray.

VICE-
CHAIRMEN.

T. HUMPHREYS, R.H.S. Gardens, Chiswick, W., *Secretary*.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BAKER, W. G., Botanic Gardens, Oxford.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTBUSH, H. J., Highgate, N.

CUTHBERTSON, W., Orpington.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DIXON, C., Holland House Gardens, Kensington.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

FITT, J. H., The Frythe Gardens, Welwyn.

FRASER, JOHN, 4, Willow Cottages, Kew.

GORDON, G., V.M.H., Endsleigh, Priory Park, Kew.

GREEN, JOHN, Norfolk House, Dereham.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal, Slough.

JEFFRIES, C., 47, Whitestile Road, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

KNOWLES, C. W., Bagshot Park Gardens, Bagshot.

MCLEOD, J., Dover House Gardens, Roehampton.

MAWLEY, E., Rosebank, Berkhamsted.

NICHOLSON, G., V.M.H., 35, Larkfield Road, Richmond.

NIX, JOHN ASHBURNER, Tilgate, Crawley.

NOTCUTT, R. C., Woodbridge, Suffolk.

PAGE-ROBERTS, Rev. F., Halstead Rectory, Sevenoaks, Kent.

PEARSON, C. E., Lowdham, Nottingham.

PERRY, AMOS, Hardy Plant Farm, Winchmore Hill, N.

REUTHE, G., Wensleydale, Hanworth Road, Feltham, Middlesex.

SALTER, C. J., Woodhatch Gardens, Reigate.

THOMSON, W. P., 25, Bollo Lane, Chiswick, W.

TURNER, H., V.M.H., Slough.

WALKER, J., Ham Common, Surrey.

WALLACE, R. W., Kilnfield, Colchester.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

ORCHID COMMITTEE, 1903-1904.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, H. J., F.L.S., King's Road, Chelsea, S.W.

VICE-CHAIRMEN.

FOWLER, J. GURNEY, Glebeland, Woodford.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

SCHRÖDER, BARON SIR HENRY, Bart., V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHTON, F. W., Southgate, N.

ASHWORTH, E., Harefield Hall, Wilmslow, Cheshire.

BALFOUR, Prof. BAYLEY, F.R.S., V.M.H., Edinburgh.

BALLANTINE, H., The Dell Gardens, Staines.

BILNEY, W. A., Fir Grange, Weybridge.

BOND, T. W., Elstead House Gardens, Godalming.

BOXALL, W., V.M.H., 186, Brook Road, Upper Clapton.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H. J., Oakwood, Wylam, Northumberland.

CHARLESWORTH, J., Heaton, Bradford.

COLMAN, J., Gatton Park, Reigate, Surrey.

COBB, W., 33, Broadwater Down, Tunbridge Wells.

COOKSON, NORMAN C., Oakwood, Wylam, Northumberland.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, V.M.H., Edenside, Great Bookham.

FEELING, C. H., Southgate House, Southgate, N.

GLEESON, M., Warren House Gardens, Stanmore.

HILL, E., Tring Park Gardens, Tring.

HISLOP, A., Bletchley Park Gardens, Bletchley.

LATHAM, W. B., Botanic Gardens, Birmingham.

LAW-SCHOFIELD, Captain G. W., New Hall Hey, Rawtenstall.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MACBEAN, A. A., Cooksbridge, Sussex.

MOORE, F. W., V.M.H., Botanic Gardens, Glasnevin, Dublin.

MOORE, G. F., Chardwar, Bourton-on-the-Water, Glos.

ODELL, J. W., The Grove, Stanmore, Middlesex.

PITT, H. T., Rosslyn, 57, Stamford Hill, N.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Elmwood, Park Hill Road, Croydon.

REHDER, FRANK, 29, Mincing Lane, E.C.

SANDER, F., V.M.H., St. Albans.

THOMPSON, W., Walton Grange Gardens, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

TRACY, H. A., Amyand Park Road, Twickenham.

WELLESLEY, FRANCIS, Westfield, Worthing.

WHITE, W. H., Burford Lodge Gardens, Dorking.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are
Members of all the Committees.

NARCISSUS & TULIP COMMITTEE. 1903-1904.

(Established 1885.)

CHAIRMAN.

H. B. MAY, Dyson's Lane, Edmonton.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.
 BENNETT-POË, JOHN T., V.M.H., 29, Ashley Place, S.W.
 DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.
 ENGLEHEART, Rev. G. H., V.M.H., Little Clarendon, Dinton.
 CURTIS, C. H., 68, Whitestile Road, Brentford, *Hon. Sec.*
 BARR, R., 12, King Street, Covent Garden, W.C.
 BOSCAWEN, Hon. J., Tregye, Perranwell, Cornwall.
 BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.
 BURBIDGE, F. W., M.A., V.M.H., Trinity College, Dublin.
 CAMMELL, G. H., Brookfield Manor, Hethersage, Sheffield.
 COPELAND, W. F. M., Kibblestone Hall, Stone, Staffs.
 COWAN, C. W., Dalhousie Castle, Bonnyrigg, Midlothian.
 DEAN, R., V.M.H., 42, Ranelagh Road, Ealing.
 DIGBY, Rev. C., Warham Rectory, Wells, Norfolk.
 FOSTER, Sir Michael, K.C.B., V.M.H., Sec. R.S., Shelford.
 DE GRAAFF, S. A., Leyden, Holland.
 GOLDRING, W., 28, Kew Gardens Road, Kew.
 GOODWIN, A. R., The Elms, Kidderminster.
 HALL, A. D., The Oast House, Harpenden.
 HARTLAND, W. B., 24, Patrick Street, Cork.
 KINGSMILL, A., The Holt, Harrow Weald, Stanmore.
 KRELAGE, J. H. Haarlem, Holland.
 LEICHTLIN, MAX, Baden-Baden.
 MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.
 MARSH, Rev. T. H., Cawston Rectory, Norfolk.
 MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.
 PEARSON, J. DUNCAN, Chilwell Nurseries, Lowdham, Notts.
 POPE, J., The Ericas, King's Norton.
 POUPART, W., Marsh Farm, Twickenham.
 REUTHE, G., Wensleydale, Hanworth Road, Feltham, Middlesex.
 SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.
 SMITH, J. A. DORIEN, Tresco Abbey, Scilly.
 SYDENHAM, R., 190, Bristol Road, Birmingham.
 TITHERADGE, G. T., 10, Cavendish Road, St. John's Wood, N.W.
 WALKER, JAMES, Ham Common, Surrey.
 WALLACE, R., Kilnfield, Colchester.
 WARE, WALTER T., Inglescombe, near Bath.
 WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.
 YOUNG, H. B., Netheringham Manor, near Lincoln.

NOTE.—Members of the Council are Members of all the Committees.

The Committee will meet at the DRILL HALL, on the following dates, at 12 o'clock, noon, viz., March 10th, 24th, April 7th, 21st, May 5th and 19th, 1903.

REGULATIONS FOR THE FIVE STANDING COMMITTEES

(SCIENTIFIC, FRUIT, FLORAL, ORCHID, NARCISSUS),

AND FOR INTENDING EXHIBITORS,

1903-1904.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 34), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Chiswick, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 56, *et seq.*; there will also be special Meetings at Chiswick as often as may be necessary. The Quorum shall in all cases be 9 (except—*see* Rule 15, page 53).

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY OR NOT, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS COMPLETING THE COLLECTIONS AT CHISWICK.

2. Exhibitors at the Drill Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, West-

minster, not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—*see* Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., Buckingham Gate, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 96.) If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing*.—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are requested to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less* than six must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

In recommending *First Class Certificates or Awards of Merit* to Cut Flowers, artificial "dressing," supports, &c., should be taken into account by the Committees in making their awards. This applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Fellows having represented to the Council the difficulty they find in identifying the attendants in charge of the different trade Exhibits at the Society's Meetings, the Council have caused a badge to be prepared which it is requested that attendants may be always provided with. These badges can be obtained at very small cost by applying at the Society's offices. Only the authorized form of badge will be allowed.

14. Two general forms of award will be made by the Council, viz.:—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made according to their merits to very superior seedlings or novelties, or to recently introduced, reintroduced, or very rare objects, or to highly decorative plants, or to other objects of great excellence which have been hitherto overlooked or ignored. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

15. If when summoned to meet at Chiswick to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award

X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, &c., so distinguished, at the next (or nearest possible) General Meeting of the Society at Westminster or elsewhere, in order that they may, if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

16. When at the Meeting of any of the Standing Committees the recommendation of any award has been proposed and put to the vote, it shall not be considered to have been "carried" unless the number of votes cast in its favour shall be at least double the number recorded against it.

17. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Chiswick for trial.

18. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

19. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Chiswick, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Chiswick for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

20. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

THE SHERWOOD SILVER CUP.

Founded 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree—Gardener, Mr. E. Beckett.

In 1900 it was offered for "Apples and Pears," when it was won by Roger Leigh, Esq., Maidstone—Gardener, Mr. Geo. Woodward.

In 1901 it was offered for the best collection of Orchids shewn by an Amateur at the Temple Show in a space not exceeding 100 square feet when it was won by Sir Frederick Wigan, Bart.—Gardener, Mr. W. H. Young.

In 1902 it was offered for the best collection of Hardy Ornamental Trees and Shrubs at the Temple Show, when it was won by Messrs. Fisher, Son & Sibray, of Handsworth, Sheffield.

In 1903 it will be offered at the Vegetable Show at Chiswick on September 29th. Particulars will be published in the Special Schedule preparing for that Show.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, 117, Victoria Street, eight days before the Competition takes place.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1903—1904.

Fruit, Floral, and Orchid Meetings will be held in the Drill Hall, Buckingham Gate, Victoria Street, Westminster (within a stone's throw of the Army and Navy Stores), on the following dates, and a popular Lecture will be given on the subject named on each date. The Meetings are open to Fellows at 1 p.m., and to the Public (on payment of 1s.) at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 26th, 27th and 28th, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 70); on June 25th & 26th at Holland House, (*see* page 72); on September 29th, 30th and October 1st, at Chiswick (*see* p. 94), but on all other dates at the Drill Hall, Buckingham Gate, Victoria Street, Westminster.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Flowers, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. *See* page 51, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit New, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c., as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The "Rules for the Temple Show" page 66, unless inapplicable, are in force at Holland House and at the Drill Hall also.

The Regulations to be observed by Competitors for the Prizes will be found on page 97.

TUESDAY, JANUARY 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 27th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "The Blue Nymphæa,"
 by Mr. James Hudson, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at the Drill Hall,
for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 24th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open Certificates*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Plants insufficiently
appreciated in Great Britain," by Monsieur
Emile Lemoine.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Natural Selection *v.* Adaptation," by the Rev. Professor George Henslow, M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 24th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. 120 Hyacinths in pots (one bulb in each pot), in not less than 40 varieties and not more than 3 pots of any one variety. *Open.* First Prize, £7. Second Prize, £5. Third Prize, £3.
4. 100 pots of Tulips (three bulbs of one variety in each pot), to include 50 varieties at least and not more than 2 pots of any one variety. *Open.* First Prize, £4. Second Prize, £3. Third Prize, £2.

* * * The Prizes in Classes 3 and 4 are given by the Royal Society for Bulb Culture at Haarlem. At least 6 days notice must be given of intention to compete.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Photomicrography," by Mr. F. Martin Duncan.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, APRIL 7th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*..... *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 2 p.m. Lecture in Drill Hall on "New or Little-known Shrubs and Trees." by Mr. George Nicholson, V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, APRIL 21st (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Group of Daffodil Blossoms grown entirely outdoors (Polyanthus varieties excluded); must include some of each section, Magni-, Medii-, and Parvi-Coronati; must contain at least 30 varieties distinct, at least three blooms of each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any hardy foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are three Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Vase, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Horticultural Education," by Mr. R. Hedger Wallace.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also, on April 21st.

NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW.

(For Rules and Regulations, see page 98.)

The R.H.S. contributes £10 towards the following Prizes, and distributes 350 One Shilling Tickets of Admission to Members of the N.A.P.S.

CLASS

1. 12 Auriculas, dissimilar.....50s.—40s.—30s.—20s.—10s.
 2. 6 Auriculas, dissimilar.....30s.—20s.—15s.—10s.—5s.
 3. 4 Auriculas, dissimilar.....20s.—15s.—10s.—7s. 6d.—5s.
 4. 2 Auriculas, dissimilar.....12s. 6d.—10s.—7s. 6d.—5s.—2s. 6d.
- Exhibitors in Class 1 may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4.
5. Single specimen, green edged..7s.—6s.—5s.—4s.—3s.—2s.—1s.
 6. Single specimen, grey edged ..7s.—6s.—5s.—4s.—3s.—2s.—1s.
 7. Single specimen, white edged..7s.—6s.—5s.—4s.—3s.—2s.—1s.
 8. Single specimen, self7s.—6s.—5s.—4s.—3s.—2s.—1s.
 9. 50 Auriculas, not less than 20 varieties (may include Alpines)—
80s.—60s.—40s.

NOTE.—One truss only may be shown in Auriculas; one or more in Alpines.

10. 6 Grey-edged Auriculas, not less than 3 Varieties, and not more than 2 of any one Variety.
First Prize, Silver Medal: Second Prize, Bronze Medal; Third Prize, 5s.; Fourth Prize, 4s.

Presented by Mr. William Smith and Mr. James Douglas.

11. For those who have never won a Prize.
4 Show Auriculas, dissimilar. 15s.—10s.—7s. 6d.—5s.—2s. 6d.
12. Prizes of 7s. 6d. and 5s. will be awarded (if worthy) to Seedlings in Auriculas—green edged, grey edged, white edged, and selfs.
13. Auricula, Premier, selected from the whole Exhibition.....10s.
14. 12 Alpine Auriculas, dissimilar30s.—20s.—10s.—7s. 6d.—5s.
15. 6 Alpine Auriculas, dissimilar20s.—15s.—10s.—5s.—3s.
16. 4 Alpine Auriculas, dissimilar15s.—10s.—7s. 6d.—5s.—3s.
17. Alpine Auricula, single specimen, gold centre, 5s.—4s.—3s.—2s.—1s.
18. Alpine Auricula, single specimen, white or cream centre5s.—4s.—3s.—2s.—1s.

NOTE.—One or more trusses may be shown in the Classes 14, 15, 16, 17 and 18. Shaded or unshaded flowers may be shown at the option of the Exhibitor.

19. For those who have never won a Prize.
6 Alpine Auriculas, dissimilar12s.—9s.—6s.—4s.—2s. 6d.
- Miss Willmott and Mr. Wm. Smith very generously contribute One Guinea each towards the prizes in Classes 11 and 19.

CLASS

20. Alpines, Seedlings, gold centres4s.—2s.
 Alpines, Seedlings, white or cream centres4s.—2s.
21. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.
22. 12 Auriculas, fancy, 6 at least to be distinct, not more than
 two of any variety.....15s.—10s.—5s.
- NOTE.—In Class 22 the plants may be arranged in a tasteful manner, with or without flower pots.
23. 12 Primulas, distinct species, or well marked varieties,
 25s.—20s.—15s.—10s.
24. 6 Primulas, distinct species, or well marked varieties,
 15s.—10s.—7s. 6d.—5s.
25. Group of any species or varieties of Primula or Auricula, in
 box or basket, not to exceed 12 superficial feet. Tasteful
 arrangement to be considered20s.—15s.—10s.
26. 12 Polyanthus, dissimilar, fancy20s.—15s.—10s.—5s.
27. 12 Primroses, dissimilar, single20s.—15s.—10s.—5s.
28. 6 Primroses, dissimilar, double, in pots or pans, not necessarily
 one plant10s.—7s. 6d.—5s.
29. 3 Polyanthus, dissimilar, gold laced7s. 6d.—5s.—3s.—2s. 6d.
30. Polyanthus, single specimen, gold laced4s.—3s.—2s.—1s.
31. A Group of Primrose and Polyanthus plants, in or out of pots,
 arranged for effect in a space of 4 ft. by 3 ft.20s.—15s.—10s.

A large Silver Medal will be given by Mr. James Douglas to the winner of the highest aggregate number of points gained in Classes 1, 2, 5, 6, 7, 8, 13, 14, 15, 17, 18, 20, and 21.

1st prize to count 24 points, 2nd prize 18 points, 3rd prize 12 points, except Single Blooms, which shall count 3, 2, 1, and Premiers 6 points.

A small Silver Medal will also be given by Mr. James Douglas to the winner of the highest aggregate number of points gained in Classes 3, 4, 5, 6, 7, 8, 13, 15, 16, 17, 18, 20, and 21.

1st prize to count 18 points, 2nd prize 12 points, 3rd prize 6 points, except Single Blooms, which shall count 3, 2, 1, and Premiers 6 points.

TUESDAY, MAY 5th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. OpenCertificates.
2. New or Rare Fruits and Vegetables. OpenCertificates.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall on "Peculiarities of the
 Cape Flora," by the Rev. Professor Henslow,
 M.A., V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, MAY 19th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... ..Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Conference in the Drill Hall on "English Tulips,"
 Mr. A. D. Hall in the Chair.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also, on May 19th.

ROYAL NATIONAL TULIP SOCIETY'S SHOW.

(Southern Section.)

SCHEDULE OF PRIZES.

CLASS

- A. 12 Dissimilar Rectified Tulips ; 2 feathered and 2 flamed in each class.
First Prize, Silver Cup ; *Second Prize*, Silver Medal ; also *Third*
and *Fourth Prizes* awarded.
- B. 6 Dissimilar Rectified Tulips ; 1 feathered and 1 flamed in each class.
First Prize, Silver Medal ; also *Second*, *Third* and *Fourth Prizes*
awarded.
- C. 3 Feathered Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third* and *Fourth Prizes* also
awarded.
- D. 3 Flamed Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third* and *Fourth Prizes* also
awarded.
- E. 6 Dissimilar Breeder Tulips ; 2 of each class.
First Prize, Large Silver Medal ; *Second*, *Third* and *Fourth Prizes*
also awarded.
- F. 3 Dissimilar Breeder Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third* and *Fourth Prizes* also
awarded.

CLASS

- G. Single Blooms in each of the 6 classes. Feathered Bizarres, Roses and Bybloemens, Flamed Bizarres, Roses, and Bybloemens. *Five Prizes* in each class. The variety winning the first prize may win *once* again: with this exception, all winning flowers must be dissimilar.
- H. Single Blooms in each of the 3 classes of Breeders: Bizarres, Roses, Bybloemens. *Five Prizes* in each class.

SPECIAL PRIZE.

- I. The "Samuel Barlow" Prizes for the best pair of Rectified Tulips; 1 feathered and 1 flamed of any class.
First Prize, Silver Gilt Medal; *Second Prize*, Silver Medal; *Third*, *Fourth* and *Fifth Prizes* also awarded.

The following classes are only open to growers of less than 400 Blooming Bulbs of English Tulips:—

1. 6 Dissimilar Rectified Tulips; 2 in each class, either feathered or flamed.
First Prize, Silver Medal; *Second*, *Third* and *Fourth Prizes* also awarded.
2. 3 Feathered Tulips; 1 of each class.
First Prize, Silver Medal; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
3. 3 Flamed Tulips; 1 of each class.
First Prize, Silver Medal; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
4. 3 Dissimilar Breeder Tulips; 1 of each class.
First Prize, Silver Medal; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
5. Silver Medal for 2 Rectified Tulips; 1 feathered and 1 flamed of any class.

A Silver Medal will also be awarded to the maiden grower whose exhibits in any of the above classes are considered most meritorious.

Three additional prizes of 2s. 6d. will be awarded to the best feathered flower, the best flamed flower, and the best breeder flower in the above classes.

All particulars as to conditions of entry, &c., can be obtained from the Secretary, A. D. HALL, Esq., The Oast House, Harpenden.

TUESDAY, WEDNESDAY, and THURSDAY,

May 26th, 27th, and 28th, 1903,

GREAT FLOWER SHOW

WILL BE HELD IN THE

INNER TEMPLE GARDENS,

THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, TUESDAY, MAY 26TH.

- 10.30 a.m. Judging commences.
- 11 a.m. Fruit, Floral and Orchid Committees assemble.
- 12 noon. Council Meeting.
- 12.30 Exhibition opens to Fellows.

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF

SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

N.B.—Exhibitors are particularly requested **not** to write for space **before** the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after March 31st. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

The Show will be divided into the following Classes, which will each have a separate set of judges:—

CLASS

1. Orchids.
2. Roses.
3. Fruit and Vegetables.
4. Groups staged in the open air.
5. Hardy Herbaceous and Rock Plants and Alpines.
6. Foliage Plants, either alone or mixed with Flowers.
7. Flowering Plants other than Classes 1, 2 and 5.
8. Any Plants that cannot be included in the above.

N.B.—When a group consists in great measure of any particular subject, but also contains a few of some other or others, the group will be considered to come under the appellation of its principal subject.

Each set of judges will be requested to use a maximum of 20 points in judging each group, and to allot such number of points (not exceeding 20) to each group as they may consider it deserves.

The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to exclude all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

RULES, &c., FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii.) fill it with very ordinary or inferior plants and flowers, &c. N.B.—The exhibition of Leeks and Onions at this Show is prohibited.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sq. ft. each—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums and other plants of a similar character.

150 sqr. ft. each—Begonias, Pelargoniums (Show and Fancy), Ferns and Hardy Cut Flowers.

[N.B.—Duplicate Bunches of Cut Flowers are prohibited. Cut Flowers should be shown in as natural a condition as possible—the mutilation of Lilies, *e.g.*, by removal of the anthers being inadmissible.]

200 sqr. ft. each—Orchids.

300 sqr. ft. each—Foliage plants, Palms, and others of a similar character.

400 sqr. ft. each—Caladiums, Pot Roses, Clematis and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

5.—Plants and produce exhibited to show the effect of different Manures and Soils will be placed outside the tents.

6.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

7.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded flowers.

8.—All Fruits and Vegetables, when gathered, must be shown in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular. Fruit and Vegetables may not be combined in one exhibit but must be placed separately. Flowers may not be mixed with either. Tomatos will rank as Vegetables. Leeks and Onions may not be shown.

9.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

10.—All plants must be named. The name cards of the plants, &c., should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 11.

11.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred. They must contain nothing whatever but the name and address.

12.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

13.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

14.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on both sides. No other covering material will be allowed.

15.—No coloured paper or ribbons may be used for decoration.

16.—Exhibits must not be removed until half-an-hour after the closing of the Show.

17.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 8th day before the Show, *i.e.*, on Monday, May 18th, 1903. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS

At the Temple Show, 1903.

—:O:—

Exhibitors must post the notice of their intention to exhibit to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 8th day before the Show, *i.e.*, on Monday, May 18th. Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the Show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's**

tent at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets **must** be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 25th or the morning of the Show up to 9 o'clock, at which hour the gates will be closed and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on May 28th, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Thursday, May 21st.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, Buckingham Gate, S.W., and at Holland House and at Chiswick; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, May 19th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the TEMPLE SHOW CATALOGUE 1903 may be booked at once to secure a good position.

Advertisement Office:—Royal Horticultural Society, 117 Victoria Street,
London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1903.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else). Transferable Tickets will of course admit bearer.

(b) The Public, by purchased Tickets :—On Tuesday, May 26th, from 12.30 to 7 p.m., 7s. 6d. On Wednesday, from 9 a.m. to 7 p.m., 2s. 6d. On Thursday, from 9 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Wednesday. These tickets *can only be obtained* on or before May 23rd from the Society's Office, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Fruit Bottling," with a practical demonstration by Miss Edith Bradley.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Plants, &c.

CERTIFICATED BY THE

Royal + Horticultural + Society,
FROM 1859 TO 1899 INCLUSIVE.

A complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the year 1859 to December 1899.

Price 5s., post free.

FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

ON THURSDAY AND FRIDAY,

June 25th and 26th, 1903.

By the kind permission of the Rt. Hon. The EARL OF ILCHESTER,

THE

Royal Horticultural Society

WILL HOLD A

GREAT SUMMER SHOW,

AT

HOLLAND HOUSE, KENSINGTON.

THIS Meeting will be on similar lines to the Temple Show, and **all classes of Plants, Flowers, and Fruits** may be exhibited. Application for space to exhibit *Miscellaneous Groups* of any kind, must be made to the Secretary, 117, Victoria Street, not later than Thursday, June 18th. Single Plants, Flowers, Fruits, &c., shown for Certificate, may be entered on the Morning of the Show, but only before 10.30 a.m. The Rules on page 66 will apply, unless otherwise arranged.

ARRANGEMENTS, THURSDAY, JUNE 25th.

- | | |
|------------|---|
| 11 a.m. | { Fruit, Floral and Orchid Committees meet. Judging commences. |
| 12 noon | Council meets. |
| 12.30 p.m. | Exhibition open to Fellows. |
| 1 p.m. | The Council will entertain the Committees and other invited guests at Luncheon. |
| 2 p.m. | The Show opens to the Public. |

The following Special Prizes will be offered at this Show :—

ROSES.

For Special Rules for Exhibitors, See p. 99, and R. H. S. 1899 Code of Rules for Judging, Section 118 et seq. Entries close on June 19th.

The same Exhibitor may only enter in one Class in each of the following Combinations : 1, 2; 5, 6.

CLASS.

MIXED VARIETIES.

1. 24 Single blooms, distinct. *Amateurs* ...First, Silver Cup ;
Second, £3.
2. 12 Single blooms, distinct. *Amateurs*. ...First, Silver Cup ;
Second, £1 10s.
3. 6 Single blooms of any one variety of H.P., H.T. or H.B.
Amateurs. First, Silver-gilt Banksian Medal and £1 ;
Second, £1.
4. 48 Single blooms, distinct. *Open*.First, Silver Cup ;
Second, Silver-gilt Flora Medal.

TEAS AND NOISETTES.

5. 18 Single blooms, not less than 12 varieties or more than 2
trusses of any one variety. *Amateurs*. First, Silver Cup ;
Second, £2.
6. 12 Single blooms, not less than 9 varieties or more than 2
trusses of any one variety. *Amateurs*. First, Silver Cup ;
Second, £1 10s.
7. 6 Single blooms of any one variety. *Amateurs*.
First, Silver-gilt Banksian Medal and £1.
Second, £1.
8. 18 Single blooms, distinct. *Open*.First, Silver Cup ;
Second, Silver-gilt Banksian Medal.

CLASS.

OTHER ROSES.

9. 18 bunches in not less than 12 varieties (consisting of not less than 5 trusses of each) of Garden Roses, distinct, including China, Moss, Polyantha, Provence and other Summer-flowering Roses and their Hybrids and all those mentioned in the National Rose Society's Catalogue of "GARDEN ROSES," and also all Teas and Noisettes not included in the National Rose Society's list of "EXHIBITION ROSES"; *all Singles, however, excluded.* To be staged in 18 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Amateurs.*
First, Silver Cup; Second, £2.
10. 12 bunches in not less than 9 varieties (consisting of not less than 5 trusses of each) of Rugosa and Bourbon varieties and their Hybrids. To be staged in nine glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open.*First, Silver-gilt Flora Medal;
Second, Silver Flora Medal.
11. 12 bunches (consisting of not less than 5 trusses of each) of "Single Roses and Sweet Briar varieties and its Hybrids, distinct. To be staged in 12 glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. Single Roses have only one row of Petals. *Open.*.....First, Silver-gilt Flora Medal;
Second, Silver Flora Medal.
12. 9 bunches (consisting of not less than 5 trusses of each) of Chinas and their Hybrids, distinct. To be staged in nine glasses or jars not exceeding 3 inches diameter at the top; all stems to reach the water; each variety in a separate glass or jar. *Open.*
First, Silver-gilt Flora Medal;
Second, Silver Flora Medal.

CLASS.

13. 12 bunches (consisting of not less than 5 trusses of each, not disbudded) of Hybrid Teas according to National Rose Society's list, distinct. To be staged in 12 glasses or jars not exceeding 3 inches diameter at the top ; all stems to reach the water ; each variety in a separate glass or jar. *Open.*First, Silver Cup ;
Second, Silver Flora Medal.
14. New Roses of any Class not yet put into Commerce ; not less than 3 blooms or trusses of each. *Open.*
Medals or Certificates according to merit.
15. A Bowl or Vase of Roses arranged for Effect. Rose foliage only to be used. Wire supports allowed, but the less they are in evidence the greater the merit of the arrangement. *Amateurs.* First, £2 ; Second, £1 10s.
16. A representative Group of Roses placed on the ground (inverted pots, &c., may be used as usual for elevating separate plants) in a space not exceeding 200 square feet, including as far as possible H.P.'s, Teas, Noisettes, H.T.'s, Bourbons, Chinas, Garden, Climbing and Moss Roses, Species and Hybrids, in pots, or cut flowers in plain glasses, vases or jars, and not in Exhibition boxes. The foliage used with cut blooms must be that of the variety itself and no other, but ferns, palms, grasses, &c., in pots, may be used as edging and background. *Open.*
First, R.H.S. Gold Medal ;
Second, Silver Cup.
17. 24 Climbing or Pillar Roses in bloom in not less than 12 varieties, or more than 2 plants of any one variety ; exhibited in pots to show character and habit. *Open.*
First, Silver Cup ;
Second, Silver-gilt Flora Medal.

Other Cups, Medals and Awards will be made to other Exhibits if considered sufficiently meritorious.

None of the above-mentioned prizes and awards will be given unless the Exhibits are considered by the Judges to have deserved them.

Winners of Cups will be allowed to select their own prize (within limits), if they desire it, at the Society's Cup Makers, Messrs. Johnson, Walker & Tolhurst, Ltd., 80, Aldersgate Street, London, E.C.

The same Exhibitor may only enter in one Class in each of the following Combinations: 1, 2; 5, 6.

The Show will be open to all Fellows of the Society and their friends holding their Annual Tickets, at 12.30 p.m. on Thursday, June 25th, and at 9.30 a.m. on Friday, June 26th. **N.B.—Fellows Tickets must be shown at the Gates and other Tickets given up.** The Public will be admitted on Thursday, 25th, at 2 p.m. on payment of 7s. 6d., and at 9.30 a.m. on Friday on payment of 2s. 6d. The Grounds will be cleared of Visitors at 8 p.m. on Thursday, and 6 p.m. on Friday, when exhibits may be removed.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for Holland House an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, Buckingham Gate, S.W., and at Chiswick and elsewhere; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Monday, June 15th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **HOLLAND HOUSE CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the **HOLLAND HOUSE CATALOGUE 1903** may be booked at once to secure a good position.

Advertisement Office :—Royal Horticultural Society, 117, Victoria Street, London, S.W.

TUESDAY, JULY 7th (Drill Hall).

CLASS.

- 1A. New or Rare Plants and Flowers. *Open.....Certificates.*
 2A. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lectures in Drill Hall on "Hardy Irises," by Miss Armitage and Mr. Caparne.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, JULY 21st.

NOTA BENE.—Beside Plants, &c., for Certificate, only small groups can be accepted on July 21st, and these only by distinct pre-arrangement with the Superintendent.

CLASS

1. New or Rare Plants and Flowers. *OpenCertificates.*
 2. New or Rare Fruits and Vegetables. *OpenCertificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall on "Mediæval Medicines," by Rev. Professor Henslow, M.A., V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also on July 21st.

NATIONAL CARNATION AND PICOTEE SOCIETY'S SHOW.

(*For Rules and Regulations see page 101.*)

The Royal Horticultural Society contribute £10 towards the Prize List and Free Passes to Members of the Society.

FIRST DIVISION.

Class
No.

1. A stand of 24 Carnation blooms, dressed on cards, Bizarres and Flakes only, not less than 12 dissimilar varieties.

Points for
Aggregate Prize.
1st 2nd 3rd
Prize. Prize Prize

40s. 30s. 20s. 10s.
Scoring for Aggregate .. 24 18 12

| Class No. | | Points for Aggregate Prize. | | |
|--------------|--|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 2. | A stand of 24 Carnation blooms, dressed on cards, Selfs only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 3. | A stand of 24 Carnation blooms, dressed on cards, Fancies only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 4. | A stand of 24 Picotee blooms, dressed on cards, white ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 5. | A stand of 24 Picotee blooms, dressed on cards, yellow ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 6. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 7. | A stand of 6 blooms, dressed on cards, of any variety of yellow or buff ground Fancy Carna- tion. All 6 blooms must be of the same variety. An exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 8. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 9. | A stand of 6 blooms, dressed on cards, of any variety of yellow ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. 15s. 10s. 5s. 3s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 10. | 12 distinct varieties Selfs, Fancies, and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the calyx. | | | |
| | | 20s. | 15s. | 10s. |
| | | 5s. | | |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 |

SINGLE SPECIMENS, CARNATIONS.

BIZARRES AND FLAKES. SINGLE BLOOMS.

| | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|
| 11. | Scarlet Bizarres | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Crimson .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Pink .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Purple Flakes | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Scarlet .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | |

SELF. SINGLE BLOOMS.

| | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|
| 12. | White or Blush White | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose or Pink .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Scarlet Red or Crimson | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Marone or Purple | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Yellow .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Buff .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | |

FANCIES. SINGLE BLOOMS.

| | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|
| 13. | Yellow Ground | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Other Fancies .. | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | |

PICOTEES OF ALL DESCRIPTIONS.

SINGLE BLOOMS.

| | | | | | | | |
|-----|---------------------------------------|----|-----|-----|-----|-----|-----|
| 14. | Red, heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Red, light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Purple, heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Purple, light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose or Scarlet, | | | | | | |
| | heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose or Scarlet, | | | | | | |
| | light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Yellow ground, | | | | | | |
| | heavy-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Yellow ground, | | | | | | |
| | light-edged | .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | | |

In above Classes for Single Blooms, Exhibitors may not show more than two blooms in each division of colour, but may win with either or both.

| | | | |
|--------|------------------|--------|--|
| | Points for | | |
| | Aggregate Prize. | | |
| 1st | 2nd | 3rd | |
| Prize. | Prize. | Prize. | |

PREMIERS.

The Premier Carnations and Picotees will be selected from the whole Exhibition of Bizarres, Flakes, Sells, Fancies, Heavy-edged White Ground Picotees, Light-edged White Ground Picotees, Heavy-edged Yellow Ground Picotees, and Light-edged Yellow Ground Picotees, and each will receive a Prize of 5/-, and every win with such Premier Bloom shall

Score for Aggregate .. 4

A Cup, value £8, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above First Division by any one Competitor.

NOTE. - An Exhibitor can only show in one Division—1st, 2nd, or 3rd. Notice also the Conditions 4 and 5, on page 11, together with the List of Yellow Grounds at the end of the Prize Schedule, determining, as to each variety, whether it is to be exhibited as a "Picotee" or a "Fancy." Any Yellow Ground not mentioned in the said list may be shown on its merits.

Exhibitors who intend to compete for the Cups will be furnished at the Drill Hall, on application, with Skeleton Schedule Cards for the 1st, 2nd, 3rd or 4th Divisions. These they must fill up themselves, with the details of the prizes they have taken and the points gained, and must hand them in to the Hon. Secretary, or such person as he may appoint to receive them, before 3.30 p.m.

IMPORTANT.

To secure the publication of the names of the winning flowers Exhibitors are requested to fill in the names upon forms which will be supplied to them at the Drill Hall at the time they apply for their Cards. The Hon. Secretary, or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. *It is imperative that these forms be filled in.*

SECOND DIVISION.

| Class No. | | | Points for Aggregate Prize. | | |
|--------------|---|-------------------------|--------------------------------|---------------|---------------|
| | | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 15. | A stand of 12 Carnation blooms, dressed on cards Bizarres and Flakes, dissimilar varieties. | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 24 | 18 | 12 |
| 16. | A stand of 12 Carnation blooms, dressed on cards, Selfs only, dissimilar varieties. | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 24 | 18 | 12 |
| 17. | A stand of 12 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties. | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 24 | 18 | 12 |
| 18. | A stand of 12 Picotee blooms, dressed on cards, white ground, dissimilar varieties. | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 24 | 18 | 12 |
| 19. | A stand of 12 Picotee blooms, dressed on cards, yellow ground, not less than 6 dissimilar varieties. | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 24 | 18 | 12 |
| 20. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 12 | 9 | 6 |
| 21. | A stand of 6 blooms, dressed on cards, of any variety of Yellow or Buff Ground Fancy Car- nation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 12 | 9 | 6 |
| 22. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> | .. | 12 | 9 | 6 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 23. | A stand of 6 blooms, dressed on cards, of any variety of Yellow Ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |

24. 6 distinct varieties, Selfs, Fancies, and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx.

| | | | |
|---------------------------------|----|----|---|
| 15s. 10s. 5s. 3s. 2s. | | | |
| <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

Exhibitors in this division may also show in the Single Bloom Classes, and wins in these classes shall

| | | | |
|-------------------------------|---|---|---|
| <i>Score for Aggregate</i> .. | 3 | 2 | 1 |
|-------------------------------|---|---|---|

And if any blooms are selected from this division as Premiers, each win shall

| | |
|-------------------------------|---|
| <i>Score for Aggregate</i> .. | 4 |
|-------------------------------|---|

A Cup, value £6, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above 2nd Division by any one Competitor.

See Notes at end of First Division which apply equally to Divisions 2 and 3.

THIRD DIVISION.

25. A stand of 6 Carnation blooms, dressed on cards, Bizarres and Flakes, dissimilar varieties.
17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s.
Scoring for Aggregate .. 24 18 12
26. A stand of 6 Carnation blooms, dressed on cards, Selfs only, dissimilar varieties.
17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s.
Scoring for Aggregate .. 24 18 12
27. A stand of 6 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties.
17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s.
Scoring for Aggregate .. 24 18 12

| Class No. | | Points for Aggregate Prize. | | |
|--|--|-----------------------------------|------------|------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 28. | A stand of 6 Picotee blooms, dressed on cards, White Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 29. | A stand of 6 Picotee blooms, dressed on cards, Yellow Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 30. | A stand of 3 Carnation blooms, dressed on cards, Selfs, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 31. | A stand of 3 Carnation blooms, dressed on cards, Yellow or Buff Ground Fancies, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 32. | A stand of 3 Carnation blooms, dressed on cards, Fancies, other than Yellow or Buff Ground, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 33. | A stand of 3 Picotee blooms, dressed on cards, Yellow Ground, same variety. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 34. | 3 distinct varieties, Selfs, Fancies and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. 10s. 8s. 5s. 4s. 3s. <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 |
| Exhibitors in this Division may also show in the Single Bloom Classes, and wins in those classes shall | | | | |
| | | <i>Score for the Aggregate ..</i> | 3 | 2 1 |
| And if any blooms are selected from this Division as "Premiers," each win shall | | | | |
| | | <i>Score for the Aggregate ..</i> | 4 | |

A Cup, value £4, will be given by the President of the Society for the highest aggregate number of points gained in the above 3rd Division by any one Competitor.

See Notes at end of First Division, which apply equally to Division 2 and 3.

N.B.—Trade growers and growers of more than one thousand plants (exclusive of seedlings) cannot compete in the Third Division.

EXHIBITS WITHOUT DRESSING OR CARDS.

There must be no manipulation of the Calyx, and a split pod is a disqualification.

CLASSES 35, 36, 37, 38, 39, 40 and 41.

Exhibitors in Divisions 1, 2 and 3 cannot compete in Classes 35, 36, 37, 38, 39, 40 and 41.

Exhibits in these Classes may be shown in Boxes, Glasses or Bottles.

CARNATIONS.

BIZARRES AND FLAKES.

| Class No. | | Points for Aggregate Prize. | | |
|-----------|---|-----------------------------|------------|------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 35. | 6 Carnation blooms, Bizarres and Flakes, dissimilar varieties, each with a single spray of Carnation foliage. | | | |
| | 12s. 10s. 8s. 6s. 5s. 4s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

SELFS.

| | | | | |
|-----|---|----|----|---|
| 36. | 6 Carnation blooms, Selfs, dissimilar varieties, each with a single spray of Carnation foliage. | | | |
| | 12s. 10s. 8s. 6s. 5s. 4s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

FANCIES.

| | | | | |
|-----|---|----|----|---|
| 37. | 6 Carnation blooms, Fancies, dissimilar varieties, each with a single spray of Carnation foliage. | | | |
| | 12s. 10s. 8s. 6s. 5s. 4s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

PICOTEEES.

WHITE GROUND.

| | | | | |
|-----|--|----|----|---|
| 38. | 6 Picotee blooms, white ground, dissimilar, each with a single spray of Picotee foliage. | | | |
| | 12s. 10s. 8s. 6s. 5s. 4s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

YELLOW GROUND.

| | | | | |
|-----|---|----|----|---|
| 39. | 6 Picotee blooms, yellow ground, dissimilar, each with a single spray of Picotee foliage. | | | |
| | 12s. 10s. 8s. 6s. 5s. 4s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |

| | | | | |
|-----|---|----|----|----|
| 40. | 6 distinct varieties, Selfs, Fancies and Yellow Grounds, 3 blooms of each variety, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. | | | |
| | 12s. 10s. 8s. 6s. 5s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |

SINGLE SPECIMENS.

SINGLE BLOOMS.

| | | | | |
|-----|--|---|---|---|
| 41. | Selfs, any colour, with a single spray of Carnation foliage. An exhibitor may show two blooms, but can win one prize only. | | | |
| | 5s. 4s. 3s. 2s. 1s. | | | |
| | <i>Score for Aggregate</i> .. | 3 | 2 | 1 |

A Cup, value 3 Guineas, will be awarded to the winner of the highest aggregate number of points gained in Classes 35, 36, 37, 38, 39, 40 and 41.

See Notes at end of 1st Division, which except as regards showing in one division only, apply equally to above classes.

Class
No.

ALL CLASSES.

CARNATIONS AND PICOTEEES.

42. 6 Carnation and Picotee blooms, dissimilar, Fancies and Selfs admissible. *For those who have never won a Prize at the Exhibitions of the National Carnation and Picotee Society (Southern Section).*
10s. 7s. 5s. 4s. 2s.

SEEDLINGS.

43. 2 Cut Blooms, shown as cut from the plant with Carnation foliage, from any seedling not previously exhibited in the Class. Exhibitors may show blooms from three separate varieties, and may win with any or all of their exhibits.
8s. 7s. 6s. 5s. 4s. 3s.
44. Prizes of 5s. and 3s. will be awarded to Seedlings, if worthy, in each of the classes of Carnations and Picotees, including in the latter the Yellow Grounds. The blooms to be dressed and shown upon cards.
45. Certificates will be awarded to Seedlings, if of sufficient merit, that have bloomed at least the second year; not less than Two Blooms of a variety must be shown. Due notice in writing must be previously given to the Secretary of an Exhibitor's intention to submit a variety for Certificate.

CARNATIONS OR PICOTEEES IN POTS.

46. 12 specimens, dissimilar (from any Class or Classes, including Tree Carnations), in blooms in pots not exceeding $8\frac{1}{2}$ inches in diameter.
30s. 20s. 10s.

SINGLE SPECIMEN.

47. Pot not to exceed $8\frac{1}{2}$ inches in diameter. Exhibitors can stage one pot only.
5s. 3s. 2s.

The object of the Prizes in Classes 46 and 47 is to develop excellence as decorative subjects, and the judges will be instructed to award the Prizes for cultural excellence, and a liberal head of flowers, which may not be shown on cards. The plants may have been lifted from the open ground, and the pots may contain one or more plants, at the discretion of the Exhibitor.

GROUPS.

48. Groups of Carnation Plants, arranged in an area of 50 square feet. Quality of the blooms to be taken into account as well as tasteful arrangement.
80s. 60s. 40s.

Class
No.

49. Group of Carnation Plants, as in Class 46, to be arranged in a space to occupy 30 square feet.

40s. 30s. 20s.

Exhibitors in Class 46 cannot compete in Class 47.

TWO BOUQUETS.

50. Bride's and Bridesmaid's Bouquet (one of each). The flowers to consist entirely of Carnation or Picotee Blooms, or both together. Any foliage or fronds may be used.

20s. 15s. 10s. 5s.

VASES.

51. Vase of Carnations or Picotees or both together.

15s. 12s. 10s. 8s.

The term Vase may be taken to signify centre piece on one base with or without branches, at the option of the Exhibitor.

SPRAYS.

52. 3 Sprays of Carnation or Picotee blooms, not to exceed 12 inches in length.

10s. 8s. 6s. 4s.

BUTTON HOLES.

53. 6 Button Holes, Carnation or Picotee.

5s. 4s. 3s. 2s.

Carnation Foliage, Fronds or Ferns, or other light foliage to be used in Classes 50, 51, 52, 53.

WILL EXHIBITORS KINDLY NOTE CONDITION No. 5.

(See page 101).

MOST IMPORTANT.

To secure the publication of the names of the winning flowers, Exhibitors are requested to fill in the names upon forms which will be supplied to them at the Drill Hall, at the time they apply for their Cards. The Hon Secretary, or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. *It is imperative that these forms be filled in.*

LIST OF YELLOW GROUND PICOTEEES.

The following varieties can only be shown in the Classes for Yellow Ground Picotees. If shown in any Class as Fancies, the Exhibit will be disqualified.

Agnes Chambers
Alberta
Alcinous
Aldeboran
Alecto
Anchor
Apollo
Artisan

Aurora
Badminton
Borderer
Caracci
Childe Harold
Cowslip
Countess of Jersey
Countess of Strathmore

Countess of Verulam
Daniel Defoe
Day Dream
Dervish
Dinorah
Diomedes
Dot
Edith

LIST OF YELLOW GROUND PICOTEEES--continued.

| | | |
|-----------------|--------------------|----------------------|
| Edna May | Heliodorus | Mrs. Robert Sydenham |
| Effie Deans | Horatio | Miss Alice Mills |
| Erasmus | Hygeia | Miss Violet |
| Eurydice | Hesperia | Mohican |
| Evelyn | Ladas | Nora Creina |
| Empress Eugenie | Lilian | Onda |
| Fenella | Lady Bristol | Pamela |
| Florrie Henwood | Lady St. Oswald | Pilgrim |
| Frobisher | Lauzun | Professor |
| Galatea | Mr. Nigel | Queen Boadicea |
| Gertrude | Mrs. Douglas | Rachel |
| Glee Maiden | Mrs. Durant | Theodoric |
| Gronow | Mrs. Gooden | Turenne |
| Heather Bell | Mrs. Henwood | Wanderer |
| His Excellency | Mrs. C. H. Herbert | |

LIST OF YELLOW OR BUFF GROUND FANCIES.

The following varieties can only be shown in the Classes for Yellow or Buff Ground Fancies. If shown as Picotees the Exhibit will be disqualified.

| | | |
|---------------|-------------------|-------------------|
| Alexandra | Falca | Oakeley |
| Almira | Fashion | Oberon |
| Amphion | Golden Eagle | Ormonde |
| Annie Douglas | Galileo | President Carnot |
| Aglaia | Harlequin | Primrose Day |
| Argosy | Helios | Primrose League |
| Boecklin | Henry Falkland | Rayon D'Or |
| Cecil Rhodes | Hogarth | Stadraith Bail |
| Corisande | John Walker | Stanley Wrightson |
| Cinq Mars | Madame Van Houtte | The Gift |
| Cockatrice | May Queen | Vashti |
| Chas. Martel | Mrs. Alfred Tate | Virgo |
| Don Carlos | Mrs. Booth | Volage |
| Duke of Alva | Mrs. C. Baring | Voltaire |
| Eclair | Mrs. Dranfield | Yellow Hammer |
| Eldorado | Mrs. Tremayne | Xerxes |

The Exhibition will close at 6 p.m., at which hour Flowers may be removed, **BUT NOT BEFORE.**

TUESDAY, AUGUST 4th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*
3. Collection of Cactaceous Plants. *Amateurs*.. Prize, Silver Flora Medal.
For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Landscape Gardening," by
 Mr. H. E. Milner, V.M.H.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, AUGUST 18th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Hollyhocks," by Mr. Webb.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, SEPTEMBER 1st (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

N.B.—Nothing but Dahlias can be shown at this Meeting with the exception of Flowers, Fruits, &c., *for Certificate*. All exhibits of Dahlias must be left for the 2nd day, but other Plants shown for Certificate may be removed as usual.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall, on "Judging Cactus Dahlias," by Mr. Chas. G. Wyatt.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also on September 1st and 2nd.

THE NATIONAL DAHLIA SOCIETY'S SHOW.

(For Rules and Regulations of the N. D. S. see page 102.)

NURSERYMEN.

| Class No. | SHOW AND FANCY DAHLIAS, INTERMIXED. | | | First Prize. | Second Prize. | Third Prize. |
|---|--|----|----|-----------------|------------------|-----------------|
| | DIVISION A. | | | £ s. d. | £ s. d. | £ s. d. |
| 1. | 48 blooms, distinct | .. | .. | 2 5 0 | 1 10 0 | 0 15 0 |
| 2. | 36 blooms, distinct | .. | .. | 1 17 6 | 1 2 6 | 0 12 6 |
| DIVISION B. | | | | | | |
| 3. | 24 blooms, distinct | .. | .. | 1 2 6 | 0 15 0 | 0 7 6 |
| 4. | 18 blooms, distinct | .. | .. | 0 17 6 | 0 12 6 | 0 5 0 |
| DIVISION C. | | | | | | |
| 5. | 12 blooms, distinct | .. | .. | 0 12 6 | 0 7 6 | 0 5 0 |
| No Exhibitor may enter in more than one of the Divisions, A, B, and C. | | | | | | |
| CACTUS DAHLIAS. | | | | | | |
| 6. | 18 varieties, in bunches of 6 blooms each | | | 1 17 6 | 1 2 6 | 0 12 6 |
| The First Prize in Class 6 consists of £1 17s. 6d. and a Silver Challenge Cup, value £10 10s., to be held by the winner for one year, and to become the property of the Exhibitor who wins it 3 times consecutively. | | | | | | |
| 7. | 12 varieties, in bunches of 6 blooms each | | | 1 2 6 | 0 15 0 | 0 10 0 |
| 8. | 48 blooms, distinct | .. | .. | 1 2 6 | 0 15 0 | 0 10 0 |
| 9. | 24 blooms, distinct | .. | .. | 0 15 0 | 0 10 0 | 0 7 6 |
| No Exhibitor may enter in more than one of the Classes 6, 7, or in more than one of the Classes 8 and 9. | | | | | | |
| 10. | 12 varieties, 6 blooms of each, to be arranged in vases with any suitable foliage, grasses, or berries. The vases will be provided by the Society. The stems may be stiffened with wires, but no wire frames may be used. The quality of the blooms will be the first consideration with the Judges | | | 1 17 6 | 1 2 6 | 0 12 6 |

| Class No. | | First Prize. £ s. d. | Second Prize. £ s. d. | Third Prize. £ s. d. |
|--------------|--|----------------------------|-----------------------------|----------------------------|
|--------------|--|----------------------------|-----------------------------|----------------------------|

POMPON DAHLIAS.

| | | | | |
|-----|--|--------|--------|--------|
| 11. | 24 varieties, in bunches of 10 blooms each | 1 17 6 | 1 2 6 | 0 12 6 |
| 12. | 12 varieties, in bunches of 10 blooms each | 1 0 0 | 0 15 0 | 0 10 0 |

No Exhibitor may enter in more than one of
the Classes 11 and 12.

SINGLE DAHLIAS.

Silver
Medal
and

| | | | | |
|-----|--|-------|--------|--------|
| 13. | 24 varieties, in bunches of 10 blooms each | 1 2 6 | 1 2 6 | 0 12 6 |
| 14. | 12 varieties, in bunches of 10 blooms each | 1 0 0 | 0 15 0 | 0 10 0 |

No Exhibitor may enter in more than one of
the Classes 13 and 14.

AMATEURS.

SHOW OR FANCY DAHLIAS, OR
INTERMIXED.

| | | | | | |
|-----|---------------------|-------|--------|-------|--------|
| 15. | 24 blooms, distinct | | 1 17 6 | 1 2 6 | 0 12 6 |
|-----|---------------------|-------|--------|-------|--------|

The First Prize in Class 15 consists of
£1 17s. 6d. and a Silver Challenge Cup
value £5 5s., to be held by the winner for
one year, and to become the property of
the Exhibitor who wins it three times, not
necessarily in succession.

| | | | | | |
|-----|---------------------|-------|--------|--------|--------|
| 16. | 18 blooms, distinct | | 1 10 0 | 0 17 6 | 0 10 0 |
|-----|---------------------|-------|--------|--------|--------|

SHOW DAHLIAS ONLY.

| | | | | | |
|-----|---------------------|-------|-------|--------|-------|
| 17. | 12 blooms, distinct | | 1 2 6 | 0 15 0 | 0 7 6 |
|-----|---------------------|-------|-------|--------|-------|

| | | | | | |
|-----|--------------------|-------|--------|--------|-------|
| 18. | 6 blooms, distinct | | 0 15 0 | 0 10 0 | 0 5 0 |
|-----|--------------------|-------|--------|--------|-------|

No Exhibitor may enter in more than one
of the Classes 15, 16, 17 and 18.

FANCY DAHLIAS ONLY.

| | | | | | |
|-----|---------------------|-------|-------|--------|-------|
| 19. | 12 blooms, distinct | | 1 2 6 | 0 15 0 | 0 7 6 |
|-----|---------------------|-------|-------|--------|-------|

| | | | | | |
|-----|--------------------|-------|--------|--------|-------|
| 20. | 6 blooms, distinct | | 0 15 0 | 0 10 0 | 0 5 0 |
|-----|--------------------|-------|--------|--------|-------|

No Exhibitor may enter in more than one
of the Classes 19 and 20.

| Class No. | | First Prize. £ s. d. | Second Prize. £ s. d. | Third Prize. £ s. d. |
|-----------------|---|----------------------------|-----------------------------|----------------------------|
| CACTUS DAHLIAS. | | | | |
| 21. | 6 varieties, 6 blooms of each, to be arranged in vases with any suitable foliage, grasses or berries. The vases will be provided by the Society. The stems may be stiffened with wires, but no wire frames may be used. The quality of the blooms will be the first consideration of the Judges .. | 1 15 0 | 1 5 0 | 0 15 0 |
| 22. | 9 varieties, in bunches of 3 blooms each The First Prize in Class 22 consists of £2 and a Silver Challenge Cup, value £10 10s., to be held by the winner for one year, and to become the property of the Exhibitor who wins it three times consecutively. | 2 0 0 | 2 0 0 | 1 0 0 |
| 23. | 6 varieties, in bunches of 3 blooms each | 1 0 0 | 0 15 0 | 0 10 0 |
| 24. | 24 blooms, distinct The First Prize in Class 24 consists of £1, and a Gold Badge, value £3 3s., the gift of Messrs. Dobbie & Co., Florists to the King, Rothesay. | 1 0 0 | 1 0 0 | 0 15 0 |
| 25. | 12 blooms, distinct | 0 15 0 | 0 10 0 | 0 5 0 |
| 26. | 6 blooms, distinct No Exhibitor may enter in more than one of the Classes 22 and 23, or in more than one of the Classes 24, 25 and 26. NOTE.—Messrs. Keynes, Williams & Co. contribute the First Prizes in Classes 21 and 24, and Mr. J. Stredwick presents the prizes in Class 22. NOTE.—Messrs. J. Cheal & Sons present the First Prize in Class 24, the Second and Third Prizes in Class 23, and the Prizes in Class 26. Mr. S. Mortimer presents the Prizes in Class 25. | 0 7 6 | 0 5 0 | 0 2 6 |
| POMPON DAHLIAS. | | | | |
| 27. | 12 varieties, in bunches of 6 blooms each | 1 5 0 | 0 17 6 | 0 10 0 |
| 28. | 6 varieties, in bunches of 6 blooms each No Exhibitor may enter in more than one of the Classes 27 and 28. | 0 15 0 | 0 10 0 | 0 5 0 |
| SINGLE DAHLIAS. | | Silver Medal and | | |
| 29. | 6 varieties, in bunches of 10 blooms each | 0 15 0 | 0 17 6 | 0 10 0 |
| 30. | 6 varieties, in bunches of 6 blooms each No Exhibitor may enter in more than one of the Classes 29 and 30. | 0 15 0 | 0 10 0 | 0 5 0 |

| Class No. | | First Prize. | Second Prize. | Third Prize. |
|--------------|---|-----------------------------|------------------|-----------------|
| | | £ s. d. | £ s. d. | £ s. d. |
| 31. | 12 varieties, 3 blooms of each, to be arranged for effect in small vases with any suitable foliage, grasses or berries. The vases will be provided by the Society. The stems may be stiffened with wires, but no wire frames may be used .. | Silver Medal. | Bronze Medal. | -- |
| | | Presented by Messrs. Cheal. | | |

DECORATIVE CLASSES.

| | | | | |
|-----|--|--------|--------|-------|
| 32. | Basket of Dahlia blooms, arranged for effect, with any kind of foliage, grasses or berries, the stems to be in water.. | 0 15 0 | 0 10 0 | 0 5 0 |
| 33. | Vase of 12 Dahlia blooms arranged for effect, with any kind of foliage, grasses or berries | 0 15 0 | 0 10 0 | 0 5 0 |
| | NOTE.—In Classes 31 and 32 the blooms need not be grown by the exhibitors. | | | |
| 34. | 3 Vases of Cactus Dahlias, 6 blooms in each vase, and arranged for effect with any kind of foliage, grasses or berries | 0 15 0 | 0 10 0 | 0 5 0 |

FOR AMATEURS.

Who have never won a prize at any previous Exhibition of the National Dahlia Society.

SHOW OR FANCY DAHLIAS.

| | | | | |
|-----|----------------------------|--------|-------|-------|
| 35. | 6 blooms, distinct | 0 10 0 | 0 7 6 | 0 5 0 |
|-----|----------------------------|--------|-------|-------|

CACTUS DAHLIAS.

| | | | | |
|-----|--|--------|-------|-------|
| 36. | 6 varieties, distinct, in bunches of 3 blooms each | 0 10 6 | 0 7 6 | 0 5 0 |
| 37. | 6 blooms, distinct | 0 5 0 | 0 3 0 | 0 2 0 |

NOTE.—Mr. A. Deau presents the First Prize in Class 35.

OPEN CLASSES.

| | | | | |
|-----|--|---------------|---------------|-------|
| 38. | Shower Bouquet of Cactus Dahlias, with appropriate foliage | 0 15 0 | 0 10 0 | 0 5 0 |
| 39. | Basket of Cactus Dahlia blooms arranged for effect, with any kind of foliage, grasses or berries, the stems to be in water | Silver Medal. | Bronze Medal. | |
| | Presented by J. F. Hudson, Esq. | | | |

| Class No. | | First Prize. £ s. d. | Second Prize. £ s. d. | Third Prize. £ s. d. |
|--------------|--|----------------------------|-----------------------------|----------------------------|
| 40. | Vase of Pompon Dahlias, arranged for effect with any kind of foliage, grasses or berries | Silver Medal. | Bronze Medal. | |
| | NOTE.—Mr. R. SYDENHAM presents the Prizes in Class 40. | | | |

| | | | | | |
|-----|---|------------------|--------|-------|--|
| | FANCY SINGLE DAHLIAS. (i.e., Varieties whose blooms are tipped, striped or edged.) | Bronze Medal and | | | |
| 41. | 6 varieties, in bunches of 6 blooms each | 0 10 0 | 0 10 0 | 0 5 0 | |

SEEDLINGS.

| | | |
|-----|--|---------------|
| 42. | 3 blooms of any New Seedling Cactus Dahlia | CERTIFICATES. |
|-----|--|---------------|

| | | |
|-----|---|---------------|
| 43. | 3 or more blooms of any New Seedling Show or Fancy, Pompon or Single Dahlia | CERTIFICATES. |
|-----|---|---------------|

Certificates will be awarded only to first-class novelties.

NOTE.—Of any new Cactus Dahlia exhibited for Certificate, three blooms, or of any new Decorative, Pompon or Single Dahlia, exhibited for Certificate at least three blooms must be staged with stems not less than 9 ins. in length, without wire or other artificial support of any kind, in order that the Committee may judge the habit of the plant and nature of the flower stem; otherwise no Certificate will be awarded. Blooms exhibited for Certificates in this class cannot be staged in the other Classes of the Schedule.

A SILVER MEDAL, presented by E. Mawley, Esq., will be awarded to the best bunch of Cactus Dahlias in Classes 6 and 7, and also to the best bunch of Cactus Dahlias in Classes 22, 23 and 36.

A BRONZE MEDAL, presented by T. Hobbs, Esq., will be awarded to the best Seedling Show or Fancy Dahlia in Class 43.

**The Medals offered in this Schedule are the Society's
GIRDLESTONE MEMORIAL MEDALS.**

The attention of Exhibitors is drawn to the alterations in Classes 21 and 39.

TUESDAY, SEPTEMBER 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 11.30 a.m. National Dahlia Society's Committee meets for the purpose of awarding Certificates to Seedling Dahlias. Entries must be made to the Hon. Secretary, N.D.S., at the Drill Hall, before 11.15 a.m.
- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall on "Edible Fungi," by Dr. Cooke, LL.D., M.A., V.M.H., &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, WEDNESDAY and THURSDAY, SEP. 29th, 30th, and OCT. 1st, 1903.

The Society will hold a GREAT EXHIBITION of BRITISH-GROWN FRUITS and VEGETABLES at CHISWICK.

A Special Schedule of Prizes will be published on April 2nd, 1903, provided that £200 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 13th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture on "Autumn Strawberries and Raspberries," by Mr. James Hudson, V.M.H.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, OCTOBER 27th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Pruning Roses," by
 Monsieur Vivian Morel.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 10th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "The advantages and evils
 of size in Flowers, Fruits and Vegetables." by
 Mr. E. T. Cook.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, NOVEMBER 24th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in Drill Hall on "Pomology as a Study," by
 Mr. Lewis Castle.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, DECEMBER 15th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

1904.

TUESDAY, JANUARY 5th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 26th (Drill Hall).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE DRILL HALL.

| | | | |
|---------------|--------------|---------------|--------------|
| January 13th | } 4 o'clock. | October 13th | } 4 o'clock. |
| " 27th | | " 27th | |
| February 10th | | November 10th | |
| " 24th | | " 24th | |
| March 10th | } 6 o'clock. | December 15th | } |
| July 21st | | January 5th | |
| | | " 26th | |

All other days, at the Drill Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE DRILL HALL.

See pages 56 et seq.

(For Special Regulations for Temple Show, see p. 66.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." *See p. 15.*

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, *see p. 50.*

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple and Holland House Shows, *see pp. 65 and 72.*

IX. No Exhibitor may compete in two similar Classes, differing *only* in the *number* of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. **All specimens must be the bona fide property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.**

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula, Rose, Carnation and Dahlia Shows—*see pp. 98, 99, 101, 102.*

A Special Schedule will be issued in April for the **Chiswick Fruit and Vegetable Show**, September 29th, 30th, and October 1st.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 21st, IN THE DRILL HALL.

(For List of Prizes See page 61.)

1. The prizes are open to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.

2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.

3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.

4. The Plants must be in the Drill Hall, James Street, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.

5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.

6. Exhibitors in Class 1 may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4. Exhibitors may compete in two only of Classes 14, 15, 16. Those who compete in Class 23 cannot do so in Class 24.

7. In addition to the legible naming required by the 5th condition, Exhibitors in this Class are invited to give the native country of species.

8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bona fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.

10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS

OF

ROSES, ON JUNE 25TH & 26TH.

See R.H.S. 1899 "Code of Rules for Judging, &c.," which may be obtained, post free 1s. 6d., from the R.H.S. Office, 117, Victoria Street, S.W.

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. 1899 "Code of Rules for Judging, &c."

III. Exhibitors must give at least seven clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. (This does not apply to New or Rare Plants, &c., for Certificate; see page 72.)

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 10 a.m., at which hour the doors will be closed. All Rose box lids must be removed by 10.45 a.m.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened. *All persons* (except such as may be officially retained by the Society) *must retire at 10.55*, at which hour the Judges will proceed to make the awards.

IX. No Exhibitor may compete in two similar Classes, differing *only* in the *number* of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the *bona fide* property of, and have been grown by, the Exhibitor or his Employer for at least three months before the date of the Exhibition. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent, on the morning of the Show.

XV. No Exhibitor can take more than one Prize in any Class, nor may two or more persons exhibit from the same Garden or Nursery.

XVI. The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand :—

HYBRID PERPETUALS.

| | | |
|------------------------|------------------------|----------------------|
| { Charles Lefebvre | { Eugénie Verdier | { Grand Mogul |
| { Marguerite Brassac | { Marie Finger | { Jean Soupert |
| { Paul Jamain | { Exposition de Brie | { La Rosière |
| { Comtesse de Choiseul | { Ferdinand de Lesseps | { Prince C. de Rohan |
| { Marie Rady | { Maurice Bernardin | { Pauls Early Blush |
| { Duke of Wellington | { Sir Garnet Wolseley | { Mrs. Harkness |
| { Rosieriste Jacobs | | |

TEAS AND NOISETTES.

| | |
|--------------------|----------------------------|
| { Alba Rosea | { Souvenir de S. A. Prince |
| { Josephine Malton | { The Queen |
| { Madame Bravy | |
| { Madame de Sertot | |

The Climbing variety of any Rose cannot be shown in the same stand with it:—for instance, Climbing Devoniensis cannot be shown in the same stand with Devoniensis.

XVII. All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. *Dressing Rose blooms so as to alter their character is prohibited; also the insertion of any additional foliage.*

XVIII. No person shall be allowed to compete as an Amateur who sells Rose Plants or Rose Blooms, nor any person in the employ of a Nurseryman.

XIX. Hybrid Teas cannot be shown in the Classes set apart for Teas and Noisettes, but may be shown amongst H.P.'s or in the mixed classes.

PRIZE ESSAYS,

The Society's two **Prize Essays**, 1895, on "**Hardy Fruit Culture**," may be obtained from the Society's Office, 117, Victoria Street, S.W. Price 1s. 6d.

BULBOUS IRISES.

Everyone who wishes to know how to grow these pretty Plants
should have

PROF. M. FOSTER'S BOOK
— ON —

BULBOUS IRISES.

Profusely Illustrated.

Published at the R.H.S. Office only, 117, Victoria St., Westminster, S.W.

PRICE 1s. 6d.

CONDITIONS FOR EXHIBITORS

AT THE

CARNATION AND PICOTEE SHOW,

TUESDAY, JULY 21st, 1903.

1. The Prizes are open to Members of the National Carnation and Picotee Society only.

2. All Blooms to be shown on Cards, except where otherwise stated. Exhibits must be legibly named. *Triplicates may not be shown in Classes 1, 2, 3, 4 and 5.*

3. An Exhibitor can win one prize only in each class, except for Seedlings, and in single specimens he may not exhibit more than two in each division of colour in Classes 11, 12, 13, and 14, but may win with both exhibits.

4. Yellow Ground Picotees. In these classes the flowers must possess a pure yellow ground with a marginal colour. Fancies not admissible. The judges are instructed to award these prizes upon the same lines as for the white ground Picotees; the same standard of excellence to apply to the yellow as to the white grounds. These conditions will be strictly adhered to.

5. Notice of Entry must be given to Mr. Wright, Superintendent of R.H.S. Gardens, Chiswick, W., and of the Classes proposed to be shown in at least **FOUR CLEAR DAYS** before the day of the Show.

6. The Exhibits must be ready for the judges at 11 a.m. Exhibitors are requested to apply for their cards immediately after their arrival at the place of Exhibition.

7. To obtain uniformity, it is urged that the Collections be shown in each case in boxes, of which, for twelves, the following are the dimensions, viz.:—Three rows of four each, from centre to centre, $3\frac{3}{4}$ inches; from centre to outside, $2\frac{1}{2}$ inches; outside length, $15\frac{3}{4}$ inches; width, 12 inches; depth, $4\frac{1}{2}$ inches; to be painted Green. The collections of sixes should be in three rows of two each, with the flowers at the same distance from centre to centre and centre to outside as in the collection of twelves. The collections of the twenty-fours may be composed of two boxes of twelves, making three rows of eight in each row, or in one box, as may be convenient to the Exhibitor; but the same spaces should exist between the flowers.

8. At the time when the Judges commence their work, all persons present, save the Officers and their Assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bona-fide* property of the Exhibitor or his employer at least two months previous to the date of Exhibition.

10. Seedlings that have bloomed at least the Second Year, whether exhibited in Collections or not, are eligible for Certificates. Not less than Two Blooms of a variety must be shown. Due notice in writing must be previously given to the Secretary of an Exhibitor's intention to submit a variety for Certificate.

11. The Judges to be empowered to withhold any prize if, in their opinion, the Exhibit is not worthy of such prize.

NOTE.—An ample supply of bottles will be provided for cut flowers in all classes.

REGULATIONS FOR EXHIBITORS.

NATIONAL DAHLIA SOCIETY'S SHOW.

I.—The designation of Nurserymen in this Schedule is intended to include all trading Florists. No person shall be allowed to compete as an Amateur who sells Plants, Flowers, or roots; nor any person in the employ of a Nurseryman. Any objection raised as to the rightful qualification of an Exhibitor shall be referred to the Committee for arbitration, and their decision shall be final and binding on both parties.

II.—All Dahlias exhibited in competition must be the *bona-fide* growth of the Exhibitor.

III.—No two Exhibitors may show from the same garden.

IV.—Intending Exhibitors must give notice in writing, naming the classes they wish to show in, to the Hon. Secretary (*see* Regulation XI.) on or before August 28th. Members requiring space for Non-Competitive exhibits should communicate with the Hon. Secretary before August 22nd. N.B.—The Committee reserve the right to refuse the entries of any Member whose subscription has not been received by August 22nd by the Hon. Treasurer, C. E. Wilkins, 19, Lyndhurst Road, London, S.E.

V.—Cards corresponding with the entries will be furnished to the competitors on the morning of the Exhibition.

VI.—The Judges have the right of withholding any Prize where the exhibits may be considered unworthy of reward. No Exhibitor will be allowed to obtain more than one Prize in a Class unless otherwise specified, except in the case of Seedlings.

VII.—Except where otherwise stated, Dahlia blooms of the Show type should be shown on the usual Green stands. Thus, stands for 12 blooms should measure 24 inches by 18 inches, the height in front being 3 inches, and at the back 9 inches; and in like proportion for the other numbers to be staged.

VIII.—All flowers are to be legibly named.

IX.—No New Dahlias shall be exhibited in competition in any class, except varieties which are exhibited with a distinctive name, together with the name of the introducer or raiser, the names of such varieties to be retained as their future distinctive appellation.

X.—All exhibits must be ready for the Judges by 11 o'clock on the first morning of the Exhibition, September 1st. The Exhibition will close at 6 P.M. on September 2nd.

XI.—None but Members of the National Dahlia Society may exhibit at this Exhibition.

XII.—Entries and all communications relating to the Dahlia Show (but *not* Subscriptions) to be addressed to the Hon. Secretary, P. W. Tullock, Esq., Sterndale, New Church Road, Hove, Sussex.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

THE

ROYAL HORTICULTURAL SOCIETY,

117, VICTORIA STREET, LONDON, S.W.



PATRON.

Her Gracious Majesty Queen Alexandra

ARRANGEMENTS

FOR THE YEAR

—✕— **1904.** —✕—

Telegrams: "HORTENSIA, LONDON."



LONDON

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY,

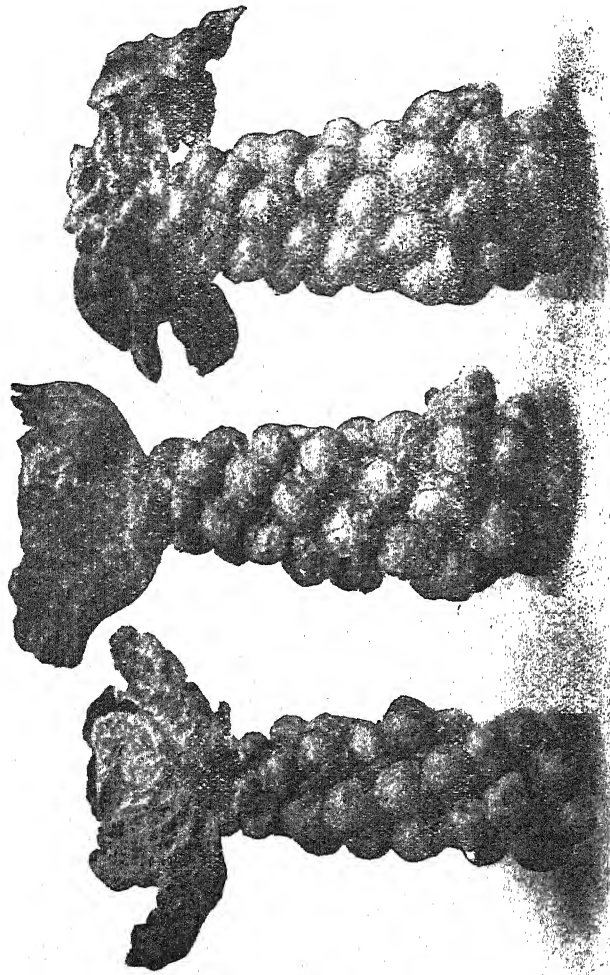
BY

SMITH & EBBES, LIMITED, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.



**Best
for
Market.**

**Keeps
well.**



**Best
for the
Table.**

**Cooks
well.**



NEW BRUSSELS SPROUT, "CAMBRIDGESHIRE CHAMPION."

A medium-sized, solid, compact Sprout, of dark-green colour, heavy cropper, and of perfect appearance and quality when cooked.

CHARLES SHARPE & CO., Limited, SLEAFORD.

1904-1905.
COUNCIL AND OFFICERS
OF THE
Royal Horticultural Society.

OFFICES:
117, VICTORIA STREET, WESTMINSTER, S.W.
TELEGRAMS:—"HORTENSIA, LONDON."

PATRON.
 HER MOST GRACIOUS MAJESTY QUEEN ALEXANDRA.

PRESIDENT.
 SIR TREVOR LAWRENCE, BART., K.C.V.O., V.M.H.

VICE-PRESIDENTS.
 The Right Hon. JOSEPH CHAMBERLAIN, M.P.
 The Right Hon. The EARL OF DUCIE.
 The Right Hon. LORD ROTHSCHILD.
 Sir JOHN LLEWELYN, Bart., D.L., F.R.S., F.L.S.
 Sir FREDERICK WIGAN, Bart.

TREASURER.
 J. GURNEY FOWLER.

COUNCIL.

| | |
|--|---|
| HON. JOHN BOSCAWEN. GEORGE BUNYARD, V.M.H. CAPT. G. L. HOLFORD, C.I.E., C.V.O. JAMES HUDSON, V.M.H. THE EARL OF ILCHESTER. FREDERICK G. LLOYD, J.P. WILLIAM MARSHALL. HENRY B. MAY. | ALFRED H. PEARSON. THE LORD REDESDALE, K.C.V.O., C.B. Baron Sir H. SCHRÖDER, Bart., V.M.H. HARRY J. VEITCH, F.L.S. ARTHUR L. WIGAN. |
|--|---|

TRUSTEES FOR THE GARDEN.

| | |
|--|---|
| JOHN T. BENNETT-POE, V.M.H. CECIL HANBURY. J. GURNEY FOWLER. | SIR TREVOR LAWRENCE, Bart., K.C.V.O., V.M.H. REV. W. WILKS, M.A. ELLEN WILLMOTT, V.M.H. |
|--|---|

AUDITOR.
 ALFRED C. HARPER (Messrs. Harper Bros., Chartered Accountants).
PROFESSOR OF BOTANY. | **CONSULTING CHEMIST.**
 REV. G. HENSLOW, M.A., V.M.H. | DR. A. VOELCKER, M.A.

FOREIGN CORRESPONDING SECRETARY.
 MAXWELL T. MASTERS, M.D., F.R.S.

SECRETARY.
 REV. W. WILKS, M.A.

| | |
|--|---|
| GARDEN SUPERINTENDENT. S. T. WRIGHT. GARDEN FOREMEN. THOMAS FRAZER. THOMAS TURNER. | CASHIER. FRANK READER. CLERKS. H. R. HUTCHINSON. JOSEPH MILES. W. H. PLOWMAN. G. A. WILLIAMS. |
|--|---|

BANKERS.
 LONDON AND COUNTY BANKING COMPANY (Westminster Branch).

TABLE OF CONTENTS.

| | PAGE |
|---|------|
| GENERAL NOTES ON THE SOCIETY | 3 |
| ELECTION AND PRIVILEGES OF FELLOWS | 7 |
| COMMUTATION OF SUBSCRIPTIONS | 8 |
| AFFILIATION OF LOCAL SOCIETIES | 9 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 11 |
| WISLEY GARDENS, AND HOW TO GET THERE | 12 |
| STUDENTS AT CHISWICK AND WISLEY | 17 |
| EXAMINATION IN HORTICULTURE | 19 |
| CHEMICAL ANALYSIS PRIVILEGES | 28 |
| THE JOURNAL OF THE SOCIETY | 36 |
| THE LINDLEY LIBRARY | 45 |
| SCIENTIFIC COMMITTEE | 48 |
| FRUIT AND VEGETABLE COMMITTEE | 50 |
| FLORAL COMMITTEE | 51 |
| ORCHID COMMITTEE | 52 |
| NARCISSUS AND TULIP COMMITTEE | 53 |
| REGULATIONS FOR EXHIBITORS | 54 |
| THE SHERWOOD SILVER CUP | 59 |
| THE VEITCHIAN SILVER CUP | 60 |
| MEETINGS AND LECTURES IN 1904 | 62 |
| AURICULA AND PRIMULA SHOW | 67 |
| TULIP SOCIETY'S SHOW | 69 |
| TEMPLE SHOW, 1904, NEW RULES FOR | 71 |
| SUMMER SHOW AT HOLLAND HOUSE | 77 |
| CARNATION SOCIETY'S SHOW | 80 |
| GREAT AUTUMN ROSE SHOW | 92 |
| BRITISH FRUIT AND VEGETABLE SHOW | 96 |
| RULES FOR COMPETING FOR PRIZES | 99 |
| RULES FOR AURICULA AND PRIMULA SHOW | 100 |
| RULES FOR ROSE SHOW | 101 |
| RULES FOR CARNATION SHOW | 104 |
| ADVERTISEMENTS. | |

1904-1905.

THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

117, VICTORIA STREET, LONDON, S.W.

Telegrams:—"HORTENSIA, LONDON."

ESTABLISHMENT.

1. The Society was established in March, 1804, at the suggestion of Mr. John Wedgwood, of Staffordshire, whose father's name is immortalized by the celebrated Wedgwood ware. It was incorporated in 1809 by a Royal Charter granted by his Majesty King George the Third. It is composed of Fellows, and of Honorary and Corresponding Members; and its affairs are managed by a President and Council of fifteen Members elected annually from among the general body of Fellows.

THE SOCIETY'S GARDENS, WISLEY.

2. The Gardens of the Society are situated at Wisley, in Surrey, about $2\frac{1}{2}$ miles from Horsley and $5\frac{1}{2}$ from Weybridge, both stations on the South Western Railway, with frequent trains from Waterloo and Clapham Junction. (See pages 12—18.)

3. They are at present under construction, but will be devoted to the culture of Fruits, Vegetables, stove, greenhouse, and especially hardy Flowers and Plants, Trees, Shrubs, &c.

4. Experiments and trials will be made in connection with new and rare varieties of trees, shrubs, fruits, flowers, or vegetables, and the results will be published in the Society's *Journal*.

FRUIT, FLORAL, & ORCHID MEETINGS.

5. Fruit and Floral Meetings at which Plants, Flowers, Fruits, Vegetables, &c., may be exhibited, will be held on alternate Tuesdays* throughout the year, during the first six months of

* The dates of the Temple Show and the Great Holland House Show, being variable, occasionally throw out the regularity of the alternate Tuesdays.

of 1904, in the **Drill Hall** of the London Scottish R.V., **Buckingham Gate, Victoria Street, Westminster**, and during the latter half of the year in the **Society's New Hall in Vincent Square**. See page 6. Fellows of the Society are admitted free, at 1 o'clock, and the Public at 2 o'clock on payment of 1s. during the months of January, November and December, and of 2s. 6d. during the other months. A reminder of the Meetings is sent to all Fellows who send to the office each year 24 Postcards *fully addressed* to themselves.

LECTURES.

6. At 3 o'clock, at most of the Fruit and Floral Meetings, a short popular lecture on the cultivation of some of the plants exhibited, or on some other points of interest, takes place, and discussion amongst the Fellows is invited. The Lectures are published in the Society's *Journal*.

OFFICES AND LIBRARY.

7. The Offices and Library of the Society will for the first six months of 1904 be at **117, Victoria Street**, and during the latter half of the year at the **New Building in Vincent Square, Westminster**. See page 6. The libraries, containing upwards of 4,000 volumes, are always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library, and a selection of the leading horticultural newspapers. (See page 45.)

PUBLICATIONS.

8. The *Transactions* of the Royal Horticultural Society, published from 1805 to 1848, and the *Journal*, published from 1845 to the present time, form a unique record of scientific and practical gardening for the last century. The *Journal* is regularly forwarded post free to all subscribing Fellows (and to such Honorary and Life Fellows as make written application for it). It contains an account of the Meetings, together with the results of the trials, &c., at the Society's Gardens. In it also are published verbatim reports of the valuable Lectures on Gardening delivered at the fortnightly meetings, the reports

of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (*See page 36.*)

INSPECTION OF GARDENS.

9. Fellows desiring to have their Gardens examined can obtain a thoroughly competent Inspector from the Society, who will report and advise at the following cost, viz.:—a Fee of £2 2s. for one day (or £3 3s. for two consecutive days) together with all out of pocket expenses. No inspection may take up more than two days, save by special arrangement. Fellows wishing for the services of an Inspector are requested to give at least a week's notice and choice of two or three days, and to indicate the most convenient railway station and its distance from their garden.

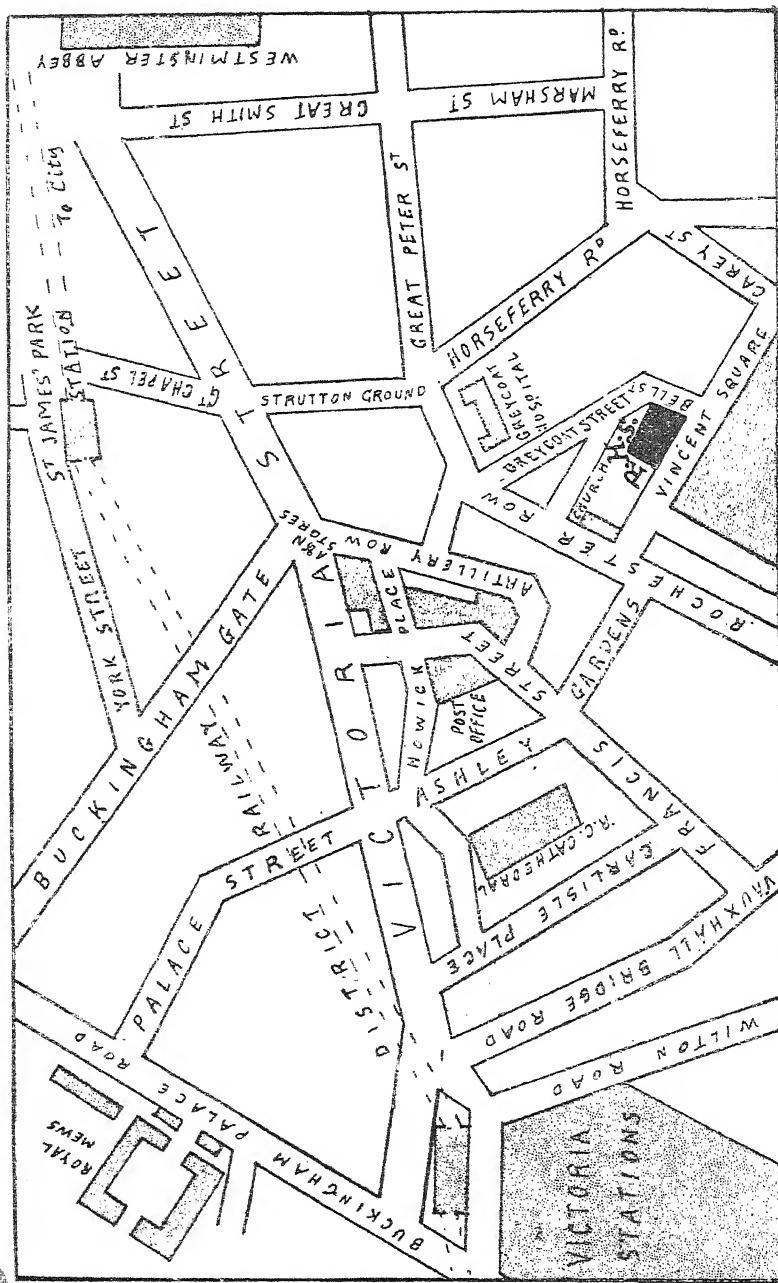
INFORMATION.

10. The Officers of the Society are ready at all times to afford any information and assistance in their power to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee will gladly report on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

DONATIONS.

11. The Society invites, and continues to be indebted to many friends for donations of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work. There are at present 7,500 Fellows on the Society's roll.



ELECTION AND PRIVILEGES OF FELLOWS,

AND

TERMS OF SUBSCRIPTION

TO THE

Royal Horticultural Society.

1. Anyone interested in Horticulture is eligible for election as a Fellow, and is invited to join the Society.

2. Candidates for election are proposed by two Fellows of the Society. Forms for proposing new Fellows may be obtained from the Office, 117, Victoria Street, Westminster. Ladies are eligible for election as Fellows of the Society.

A Fellow subscribing 4 guineas a year (or commuting, *see* page 8), is entitled—

- 1.—To One Non-transferable (personal) Pass and Five Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Lindley Library at the Society's Rooms.
- 4.—To a copy of the Society's Journal containing the Papers read at all Meetings and Conferences, Reports of trials made at the Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, &c., as is not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such plants, as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A. B. C. Railway Guide), are entitled to a double share. For any Fellow living abroad instead of a share in the surplus plants the Council will endeavour to obtain any rare seeds not easily obtainable in the country the Fellow resides in.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects by letter, from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following Fees:—One day £2 2s., Two days £3 3s., *plus* all out of pocket expenses. (*See* page 5.)
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens at Wisley.
- 10.—To recommend any lady or gentleman for election as a Fellow of the Society.

A Fellow subscribing 2 guineas a year (or commuting) is entitled—

- 1.—To **One** Non-transferable Pass and **Two** Transferable Tickets.
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

N.B.—Fellows living abroad permanently, or being bona fide working gardeners earning their living by it, are admitted Fellows at the rate of £1 ls. Subscription.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To **One** Non-transferable Pass, and to privileges as mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bonâ fide* Gardeners or Employés in a Nursery, Private, or Market Garden, or Seed Establishment, and must be recommended for election by two Fellows of the Society.

N.B.—Fellows or Associates are not entitled to any privilege *until their subscriptions have been paid*, the payment of which will be considered as distinctly implying acquiescence in all the Rules, Regulations, and Bye-laws of the Society.

All Cheques and Postal Orders should be made payable to **The Royal Horticultural Society or Order**, and crossed "London and County Bank."

COMMUTATION OF SUBSCRIPTIONS.

Any Fellow wishing to commute his annual subscription may do so by making one payment of **Forty Guineas** in lieu of a £4 4s. annual subscription; of **Twenty-five Guineas** in lieu of a £2 2s. annual subscription; such commutation entitling the Fellow for life to all the privileges of the corresponding annual subscription.

N.B.—Forms for the proposal of New Fellows may be obtained, with all particulars, from the Secretary, 117, Victoria Street, S.W.

AFFILIATION OF LOCAL HORTICULTURAL SOCIETIES WITH THE R. H. S.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*, and the power of voting at meetings.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase at cost price Silver and Bronze Medals, Cards for Commendation, &c.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*, and the power of voting at meetings.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase, at cost price, Silver and Bronze Medals, Cards for Commendation, &c.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

Price of Medals, &c., to Affiliated Societies.

AFFILIATED SOCIETY'S MEDAL.

| | | | | | |
|---|-----|---------------|-----|-----|-----------------|
| Silver Gilt | ... | } with Case { | ... | ... | 16/6 |
| Silver | ... | | ... | ... | 12/6 |
| Bronze | ... | | ... | ... | 5/6 |
| Silver and Bronze Banksian Medals | | | | | ... 9/6 and 4/9 |
| Medal Cards, with either Medal stamped in relief, 6d. each. | | | | | |

Cards for Certificates, Commendations, &c.

Price 3/6 for 10; 5/6 for 20; 11/6 for 50; 20/- for 100.

Each Local Society receives a Certificate of Affiliation.

Each Member of an Affiliated Society, can on application through the Secretary of their own Society (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

N.B.—A complete list of affiliated Horticultural Societies is published with the Report of the Council for 1903.

AFFILIATED SOCIETIES.

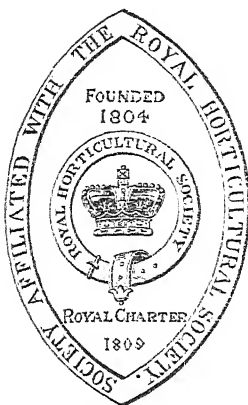


FIG. 1.

A wish having been expressed by some of the societies which are affiliated to the Royal Horticultural Society that they may be provided with a distinctive badge as the outward symbol of their affiliation, the Council have caused one to be prepared (Fig. 1), which may be used by Affiliated Societies, on letter paper, schedules, &c., as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society on application to the Secretary, and on signing an undertaking to return the same if the affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____
Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the _____ Society.

A very appropriate Card has also been designed for the sole use of Affiliated Societies. The centre of the Card is blank so that it can be used for Certificates, Awards, Commendations, &c., at pleasure, the few necessary words of printing being easily supplied locally.

The Affiliated Societies Medal, Fig. 2, can be obtained in Gold, Silver Gilt, Silver and Bronze, and Award Cards with the medal stamped in relief 6d. each, can be sent with each medal if desired at the time.



FIG. 2.

FREE GRANT OF MEDALS

TO

COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 9.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

THE SOCIETY'S GARDENS.

ESTABLISHED A.D. 1822.

1904-1905.

THE Society's Gardens were established at Chiswick in 1822, and since that time they have been looked upon as a leading and important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence afterwards distributed over the British Islands and the Continent.

Of recent years the difficulties to be contended with at Chiswick, arising chiefly from the excessive surrounding drainage and from the London smoke, have increased with tremendous rapidity. In consequence of which a desire for a better situated garden has been freely expressed, and thanks to Sir Thomas Hanbury, K.C.V.O., this desire is in process of being gratified. Sir Thomas has purchased 60 acres of land, including the celebrated wild garden of the late Mr. G. F. Wilson, V.M.H., at Wisley, and has given it in trust for the Society's use.

The Council are anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows. Mr. Wilson's wild garden will be carefully preserved and continued, whilst other parts of the site will be devoted to the cultivation of all such trees, shrubs, fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or ornamental; to the trial of new varieties side by side with old established ones; to the hybridization of Plants and the raising of New Varieties; to experiments in the culture and treatment of those plants which possess a floral or

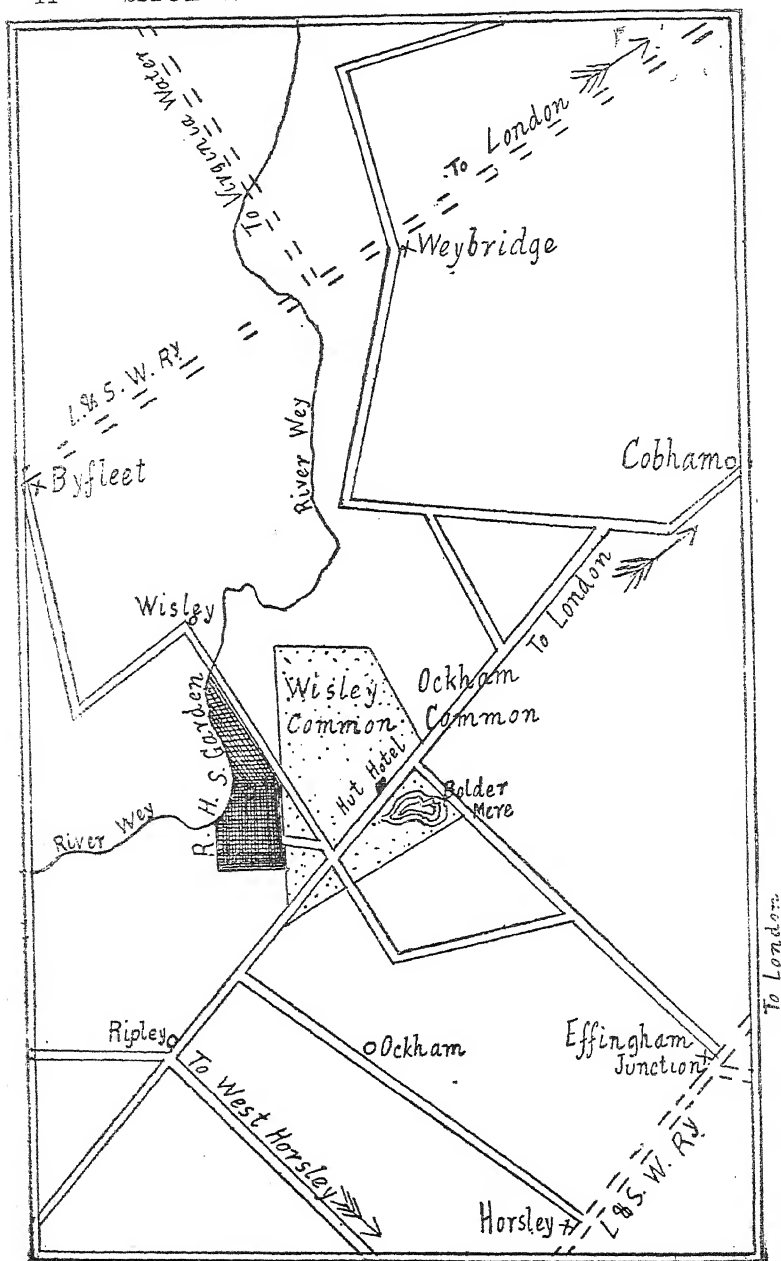
decorative as distinguished from a merely scientific value and interest. To these may be added the trial of such Horticultural appliances and materials as may from time to time be submitted, and if funds be forthcoming it is hoped to add a practical Scientific department, with Laboratory, &c., this however, will largely depend on the liberality of Fellows interested in Scientific research.

The cultivation, trial, &c., of Fruits have always been considered as of the utmost importance, and will form one of the most valuable features of the Gardens, and it is intended to establish and maintain a collection of all the best varieties of fruits, and extend it from time to time by the trial of such novelties as the raisers may be good enough to bestow on the Society.

A collection of standard and typical varieties of different vegetables will also be grown for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of fruits, flowers and vegetables will be made every few years in rotation, and descriptive reports given in the Society's Journal.

The Floral department will include trees, shrubs, plants and flowers of a distinctly decorative garden character, whether for cultivation under glass or out of doors. A few classes only can be illustrated each year.

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, 117, Victoria Street Westminster.



D I R E C T I O N S

TO

FELLOWS OF THE SOCIETY AND OTHERS

WISHING TO VISIT THE

SOCIETY'S GARDENS AT WISLEY.

Wisley may be reached from the under-mentioned stations, all of which are on the London and South Western Railway. Starting from Waterloo Station most of the trains stop at Clapham Junction, about 8 minutes afterwards, but it is not quite safe to reckon on this without first ascertaining the fact, nor must the times of the trains given below be trusted without verification as they may have been changed.

WEYBRIDGE.—19 miles from Waterloo (Central Station), and $5\frac{1}{2}$ from Wisley. Return Tickets, 1st Class, 5s.; 2nd Class, 3s. 6d.; 3rd Class, 2s. 10d. Carriages will be found at the Station. Trains leave Waterloo, 9.30, 10.5, 11.22 reaching Weybridge 10.19, 10.44, 12.1. Returning from Weybridge, 3.34, 4.8, 4.25, 5.26, reaching Waterloo, 4.15, 5.5, 5.18, 6.10.

HORSLEY.—22 miles from Waterloo (South Station), and $2\frac{1}{2}$ from Wisley. Return Tickets, 1st Class, 6s. 4d.; 2nd Class, 4s.; 3rd Class, 3s. 6d. Carriages can be procured by writing beforehand to the Manager, "The Hut Hotel," Wisley, Cobham, Surrey. Trains leave Waterloo, 9.2, 9.35, 10.20, 11.2 reaching Horsley, 10.15, 10.34, 11.35, 12.12. Returning from Horsley, 3.39, 4.56, 5.12, reaching Waterloo, 4.24, 5.49, 6.20.

EFFINGHAM JUNCTION.—21 miles from Waterloo, and 3 from Wisley. No carriages here. Only useful for pedestrians. Return Tickets, 1st Class, 6s.; 2nd Class, 4s.; 3rd Class, 3s. 4d. Trains from Waterloo, 9.35, 10.20, 11.2, reaching Effingham Junction, 10.30, 11.28, 12.8, returning from Effingham Junction, 3.33, 4.59, 5.16, reaching Waterloo, 4.24, 5.49, 6.20.

BYFLEET.—This Station may be of use to visitors coming from the Portsmouth or Windsor directions, instead of going on to Weybridge. The distance to Wisley Common is 4 miles, and the road exceedingly tortuous on account of the river.

NOTA BENE.—Any one liking to spend a day or two near the Garden, and in lovely scenery, will find an excellent country hotel, called "The Hut," situated in the middle of Wisley and Oekham Commons, on the main London to Portsmouth Road, and only $\frac{3}{4}$ mile from the Garden. The postal address of "The Hut," which is carried on by the Surrey Public House Trust, is "The Hut," Wisley Common, Cobham, Surrey.

ADMISSION OF FELLOWS & VISITORS

TO THE

SOCIETY'S GARDENS AT WISLEY.

N.B.—The Gardens will this year (1904) be closed until after the 25th of March.

After March 25th, on showing their Tickets, Fellows of the Society will have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors will be admitted on presenting a Fellow's Transferable Ticket.

Children will not be admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

Students and Gardeners may obtain orders on application to the Secretary of the Society, Vincent Square, S.W., which will secure them special facilities for observation and study.

The gates will be open daily after March 25th, (Sundays, Good Friday, and Christmas Day excepted) at 9 a.m., and will be closed at sunset. On Sundays, Good Friday and Christmas Day the Gardens are closed, but not on Bank Holidays.

ADMISSION OF STUDENTS

TO THE

SOCIETY'S GARDENS AT WISLEY.

The Society admits a limited number of young men to study Gardening in their Gardens. These Students have also the advantage of attending most of the Society's meetings and Shows at the Drill Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, Vincent Square, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See next page.*)

The Agreement referred to in No. 7 on previous page runs as follows:—

Students in the R. H. S. Gardens, Wisley, are required to conform to the following regulations:—

1. **Obedience.**—Implicit obedience to the Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. **Regularity and Punctuality.**—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1894.
F. S. HARRIS, 1894.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIENT, 1896.
A. THEAKSTONE, 1896.
E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.
A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
F. COLE, 1898.
H. P. GLAISTER, 1898.
P. BRUANT, 1898.
V. CLEEVE, 1899.
J. ETHERINGTON, 1899.
F. G. STORRS, 1899.
G. PYMAN, 1899.
A. G. MACWHIRTER, 1899.
H. A. BURDETT, 1899.

E. RODIGAS, 1899.
A. M. HORDER, 1899.
H. C. CHAPELOW, 1899.
E. M. BEAR, 1899.
H. MISVAER, 1900.
E. EDWARDS, 1900.
H. BROAD, 1900.
C. CAREY, 1900.
C. GLEED, 1900.
S. P. JACKSON, 1900.
G. STAPLES, 1900.
B. SMITH, 1900.
K. G. BURBRIDGE, 1900.
F. CURTIS, 1901.
H. F. ROBSON, 1901.
C. H. BUCK, 1901.
L. GOFFIN, 1901.
F. HOULSTON, 1902.
J. MONTGOMERY, 1902.
H. W. BARNWELL, 1902.
S. E. SERY, 1902.
H. TYLER, 1902.
H. NOACK, 1902.
L. COLLINS, 1902.
R. SCOTT, 1902.
R. WALLACE, 1902.
F. PATMORE, 1902.
R. MORRIS, 1902.

Mr. Tinley, Mr. Gleed, Mr. Langford and Mr. Bertram Smith having been awarded Scholarships in connection with the Worshipful Company of Gardeners were on Friday, June 28th, 1901, admitted to the Freedom of the Company and presented with the Company's Certificate.

EXAMINATION IN HORTICULTURE,

APRIL 20, 1904.

1.—GENERAL EXAMINATION.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 20th, 1904.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad: their Mineral Composition; Chemical Nature of Fertilisers and their respective values.
- (2) The Physiological values of Water, Heat, and Air in Plant Growth.
- (3) The Structure of Seeds and their Modes of Germination; the Chemical Phenomena of Germination; the Movements of Seedlings and the uses of them.
- (4) ~~The Functions~~ Functions of Roots; their Anatomical Structure; Hindrances to Healthy Root-action and their remedies.
- (5) The Uses of Stems and Branches; the Anatomical Structure of ordinary Dicotyledonous and of a Monocotyledonous Stem.
- (6) The Physiological Functions of Leaves, and the Action of Light upon them.
- (7) The Structure of Tubers and other Subterranean Stems; the Structure of Bulbs and Buds; the General Phenomena of Vegetative Multiplication.
- (8) The Physiological Processes undergone in Growth and Development; the Structure of an Active Cell, and the process of Cell-division and the formation of Tissues.
- (9) The Structure of Flower-buds and of Flowers; the Methods of Pollination, Natural and Artificial.

- (10) The Process of Impregnation of the Ovule, and the Formation of Embryo and Endosperm.
- (11) The Classification and Description of Fruits; the Changes and Development during Ripening.
- (12) The General Characters of the Commoner Families of Plants in Cultivation.
- (13) The Origin of Species.

HORTICULTURAL OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening: Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods: Digging and Treuching; Draining; Hoeing, Stirring the Soil, and Weeding; Watering; Preparation of Seed Beds; Rolling and Raking, Sowing, Transplanting and Thinning; Potting, Planting: Aspects, Positions and Shelter; Staking; Earthing and Blanching, &c.
- (5) Propagation, Elementary principles: Cuttings, Buddings and Grafting Stocks used, Layering, Division, Branch Pruning, Root Pruning; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture: Open Air and Under Glass; Small Fruits; Apples and Pears; Stone Fruits; Gathering and Storing; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture: Tubers and Roots; Green Vegetables: Fruits and Seeds; Rotation of Crops. and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture: Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests: Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works:—

Primer of Botany, by Sir J. D. Hooker, K.C.S.I. (Macmillan & Co., 30, Bedford Street, W.C.) 1/-.

Botany for Beginners, by Rev. Professor Henslow (Stanford), 2/6.

Elements of Botany, by Francis Darwin, F.R.S. (Clay & Sons), 2/6.

The Treasury of Botany, (Longman's), 15/-.

- Structural Botany** (Flowering Plants), by Dr D. H. Scott (A. & C. Black, Soho Square, W.C.), 3/6.
- Floral Dissections**, by Professor Henslow, V.M.H. (Stanford), 4/-.
- How to Study Wild Flowers**, by Professor Henslow (R.T.S.), 2/6.
- Plant Life**, by Dr. M. T. Masters, F.R.S. (Vinton & Co., 9 New Bridge Street, E.C.), 2/6.
- Natural History of Plants**, 2 Vols., by Kerner & Oliver (Blackie & Son), 50/-.
- Physiology of Plants**, by Dr. Paul Sorauer (Longmans, Green & Co., 39, Paternoster Row, E.C.), 9/-.
- Agricultural Botany**, by John Percival, F.L.S. (Duckworth), 7/6.
- Elements of Agriculture**, by W. Fream, LL.D. (J. Murray, Albemarle Street, W.), 3/6.
- Manual of Agricultural Botany**, by Dr. A. B. Frank, translated by J. W. Patterson (Blackwood), 2/6.
- Chemistry of the Garden**, by H. Cousins (Macmillan & Co.), 1/-.
- Diseases of Plants**, by Professor H. Marshall Ward (S.P.C.K., Northumberland Avenue, W.C.), 2/6.
- Plant Breeding**, by Professor L. H. Bailey (Macmillan & Co.), 4/-.
- Thompson's Gardeners' Assistant**, New Edition by W. Watson, (Gresham Publishing Co.), £2/8/-.
- Garden Design**, by W. Robinson (Murray), 5/-.
- The Art and Practice of Landscape Gardening**, by H. E. Milner, V.M.H., 21/-.
- Primer of Horticulture**, by J. Wright, V.M.H. (Macmillan & Co.), 1/-.
- Profitable Fruit Growing**, by J. Wright, V.M.H. ("City Press" Office, Aldersgate, E.C.), 1/3.
- Pruning**, by Professor L. H. Bailey (Macmillan & Co.), 5/-.
- Art of Budding and Grafting**, by C. Baltet (Crossby Lockwood, Stationers' Hall Court, E.C.), 2/6.
- The Book of Vegetables**, by Geo. Wythes, V.M.H. (Lane), 2/6.
- The Book of Uncommon Vegetables**, by Geo. Wythes, V.M.H. (Lane), 2/6.
- Vegetables**, by Edwin Beckett (Simpkin, Marshall), 2/6.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is 3 hours and 5 minutes, the hour fixed being generally from 6.30 to 9.35 p.m.

6. The Examination will for the most part be based on the above Outline Syllabus of "Elementary Principles of Horticultural Operations and Practice." It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 250 Marks and over will be placed in the FIRST CLASS. Those gaining 200 to 249 will be placed in the SECOND CLASS, and those gaining between 100 and 199 will be placed in the THIRD CLASS. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual number of Candidates at each proposed centre at least ten days before the Examination takes place.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see* par. 14), to the Secretary, R.H.S., 117, Victoria Street, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give all the information asked for on the form attached to the Syllabus, or which may be obtained from the Office.

12. A capitation fee of 5s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. N.B.—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

Copies of the Questions set at the Examinations 1893-1902 (price 1/-, or 5/- a dozen) may be obtained at the R.H.S. Office, 117, Victoria Street, London, S.W.

11.—SCHOOL TEACHERS' EXAMINATION.

JUNE 21st, 1904.

15.—The Society will also hold an Examination in Cottage and Allotment Gardening, on Tuesday, June 21st, 1904.

16.—This Examination is intended for and will be confined to Elementary School Teachers. It has been undertaken in view of the increasing demand in Country districts that the School Teachers shall be competent to teach the elements of Cottage and Allotment Gardening, and of the absence of any test whatever of such capacity.

17.—The general conduct of the Examination will be on the same lines as that of the more General Examination (*see* Sections 4—14) save in obvious points to which they would not apply.

18.— OUTLINE SYLLABUS.

- (1) Some knowledge of the formation or nature of soils, not necessarily Scientific, but such as is essential to cultivators.
- (2) Information as to the best average sizes of cottage gardens and allotments such as men engaged in diverse vocations can cultivate in spare time.

- (3) Preparation of soils for the reception of crops of all descriptions to ensure successful results.
- (4) Renovating Neglected Gardens.
- (5) Manuring soils for diverse crops with some knowledge in practical form of the nature of manures and their constituents.
- (6) Spring Vegetable crops, varieties and method of cropping, times for manuring, planting, &c.
- (7) Summer Crops—successional.
- (8) Autumn or Winter crops for successional purposes.
- (9) General treatment to secure best results for all seasons.
- (10) Suitable fruits for cottage gardens. Varieties, methods of culture, pruning and training. General treatment.
- (11) Fruits suitable for allotment culture.
- (12) Flowers for cottage gardens, seasons of flowering, methods of propagation, &c.
- (13) Flowers suited for allotments, varieties and general culture.
- (14) Window gardening, inside and out.

19.—Suggested Text Books.

- Vegetable Culture**, price 1/-. Macmillan & Co., London, W.C.
- Primer of Horticulture**, price 1/-. Macmillan & Co., London, W.C.
- Garden Flowers and Plants**, price 1/-. Macmillan & Co., London, W.C.
- Paxton's Calendar of Garden Operations**, revised, price 3½d.
"Gardeners' Chronicle" Office, 41, Wellington Street,
Covent Garden, W.C.
- Profitable Fruit Growing**, price 1/3. "City Press" Office,
Aldersgate Street, London, E.C.
- Cousin's Chemistry of the Garden**, price 1s. Macmillan & Co.,
London, W.C.

EXAMINATION IN HORTICULTURE.

THE DUTIES OF A SUPERVISOR.

- (a) To satisfy himself that the room proposed for the Examination is a suitable one for the purpose, and to see that a sufficient quantity of foolscap paper, *all of one size*, is provided for the use of candidates.
- (b) To satisfy himself that all candidates belonging to his centre have been duly acquainted with the place, day, and hour of Examination. This may be done by communicating with the Lecturer, or with the Secretary of the County Council, &c.
- (c) To receive the sealed parcel of papers which will be posted to him from London two clear days before the Examination. N.B. —If the papers do not arrive by the first post on the day of Examination, he should *immediately* telegraph to the Secretary of the Society, 117, Victoria Street, S.W. Telegraphic Address: "Hortensia, London."
- (d) To preserve the seals of the parcel *unbroken* until he opens it *in the presence of the candidates*, at the hour fixed for the Examination to commence.
- (e) To distribute one copy of the Principles Paper to each candidate at the beginning of the Examination, and one copy of the Practice Paper 1 hour and 35 minutes later. It is better that the candidates should be seated not too closely together.
- (f) The Supervisor having given out the papers will *immediately* read aloud the directions printed at the head, make a note of the exact time, and inform students distinctly of the exact hour at which the first paper will be collected and the second paper will be given out, and the time at which the second paper must be handed in.
- (g) To see that the following rules are strictly observed:—
 1. One-and-a-half hours are allowed for each paper.
 2. Students are not allowed to bring any books, paper, notes, &c., into the Examination Room; nor to ask any questions whatever, save of the Supervisor, who must exercise his judgment as to whether such question is one he should answer or not.
 3. An interval of 5 minutes is allowed between the collection of the first paper and the distribution of the second.

4. Students are not allowed to leave the Examination Room on any pretext whatsoever after each paper has been distributed, but only during the 5 minutes interval. In case of unavoidable illness, the Student must be content either to hand in what he has already done, or to wait till another Examination takes place.
 5. Any Student leaving the room before the full time allowed has expired must first give up to the Supervisor his written papers.
 6. The papers of any Students breaking these rules, or found copying, should at once be destroyed.
- (h) The allotted time having expired, the Supervisor will call on the Students to fold up and hand in each paper. After the second paper is handed in, both papers should be *at once* (before leaving the room) tied together securely with string. They should be posted to the Secretary, R.H.S., 117, Victoria Street, Westminster, S.W., by the earliest possible post.
- (i) The Supervisor will, of course, not himself leave the room during the time of Examination.
- (k) The Supervisor is requested to sign the following form, and return it with the Students' papers to the Secretary, R.H.S., 117, Victoria Street, London, S.W.

I hereby certify that the Examination in Horticulture held at.....
 has been conducted strictly according to the rules and regulations of the Royal Horticultural Society.

Supervisor's Signature

Supervisor's Address

Date

* * The Council of the Royal Horticultural Society reserve to themselves the right to modify the application of these regulations as they may consider necessary, and all disputed questions of interpretation and procedure must be referred to them for final decision.

SCHOLARSHIPS.

In 1894 SIR TREVOR LAWRENCE, Bart., K.C.V.O., V.M.H., President of the Society, and Master of the Worshipful Company of Gardeners, offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions was that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he should study gardening for one year at least at the Royal Horticultural Society's Gardens at Chiswick, conforming to the general rules laid down there for Students. In the second year of the Scholarship he might, if he liked, continue his studies at some other place at home or abroad which was approved by the Master of the Worshipful Company of Gardeners, and by the Council of the Royal Horticultural Society.

Similar Scholarships were presented by:—

Baron SCHRÖDER, V.M.H., in 1895.

The Worshipful Company of Gardeners, 1896.

N. N. SHERWOOD, Esq., V.M.H., Master of the Worshipful Company of Gardeners, 1897.

G. W. BURROWS, Esq., 1898.

The Right Hon. the LORD AMHERST, 1899.

HENRY WOOD, Esq., 1900.

F. G. IVEY, Esq., 1901.

Sir WILLIAM FARMER, 1902.

— STRAUSS, Esq., 1903.

SCHOLARS:—

| | | | |
|------|-----|-----|----------------------|
| 1894 | ... | ... | Mr. W. N. SANDS. |
| 1895 | ... | ... | Mr. G. F. TINLEY. |
| 1897 | ... | ... | Mr. H. S. LANGFORD. |
| 1898 | ... | ... | Miss HARRISON. |
| 1899 | ... | ... | Mr. C. J. GLEED. |
| 1900 | ... | ... | Mr. B. SMITH. |
| 1901 | ... | ... | Mr. CHARLES H. BUCK. |
| 1902 | ... | ... | Mr. L. L. GOFFIN. |
| 1903 | ... | ... | Mr. WM. BROWN. |

In case of two or more eligible students being adjudged equal marks, the Council reserved to themselves the right to decide which of them should be presented to the Scholarship.

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS, Suggestions as to the Purchase of Artificial Manures, &c., and Instructions for Selecting and Sending Samples for Analysis.

FELLOWS' PRIVILEGES OF CHEMICAL ANALYSIS.

(Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made:—
No.

- | | |
|---|-----------------|
| 1.—An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2.—An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3.—An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4.—An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5.—An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6.—An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7.—Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8.—An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. | from 10s. to £1 |
| 9.—An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10.—Partial analysis of a soil, including determinations of clay, sand, organic matter, and carbonate of lime | 10s. |
| 11.—Complete analysis of a soil | £3 |
| 12.—Analysis of any vegetable product | 10s. |
| 13.—Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14.—Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15.—Analysis of water used for domestic purposes | £1 10s. |
| 16.—Consultation by letter | 5s. |

Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

The fees for analyses must be sent to the Consulting Chemist at the time of application.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c. (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.

SUGGESTIONS TO PURCHASERS

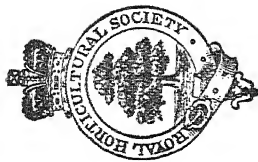
In view of the above observations, a purchaser is recommended in all cases to insist on having an INVOICE, and to see that such Invoice contains the following particulars :—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed on next page and a supply of such forms may be obtained on application to the Secretary, 117, Victoria Street, S.W.

Attention is particularly directed to the recommendations on page 32 as to the qualities of Artificial Manures, &c., which purchasers should demand.



ORDER FORM

FOR ARTIFICIAL MANURES, &C.



To
Address

Date

Please supply me for delivery.....

Tons Cwt. of

At per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

Conditions of Purchase and Sale.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, &c. to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

Instructions for Selecting & Sending Samples for Analysis.

GENERAL RULES.

1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.

2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertiliser not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *scaled* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C. Separate letters of instruction should be sent at the same time. For scale of Fees, see page 28.

PLANTS, &c.,

CERTIFICATED BY THE

Royal Horticultural Society,

FROM 1859 TO 1899 INCLUSIVE.

A Complete List of all the

Plants, Flowers, Orchids, Ferns, Fruits & Vegetables

Certificated by the Society from the Year 1859 to December, 1899.

Price 2s. 6d., post free,

FROM THE R.H.S. OFFICES, 117, VICTORIA STREET, S.W.

"JOURNAL"

OF THE

ROYAL HORTICULTURAL SOCIETY.

(*Entered at Stationers' Hall.*)

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1805, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 98 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at the Gardens and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Society's Exhibitions, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the R.H.S. Office, 117, Victoria Street, S.W.:—

NEW SERIES.

Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebenoides*; Imperfect Fungus producing Disease in Orchids; Branch Orchid Pots; A curious case of Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; Double Flowers of *Primula sinensis*; Title and Contents to Vol. I. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.

Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.

Vol. V., 1878-79, part 5. Filberts; Savoy; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; To Fellows, 1s.; non-Fellows, 1s. 6d.

- Vol. VI., 1880, 168 pages. Proceedings of the Society, 1s.
- Vol. VII., part 1, 1886, 155 pages. Report of the **Orchid Conference**, 1885, with papers by the late Professor Reichenbach, H. J. Veitch, F.L.S., James O'Brien, H. N. Ridley, etc. To Fellows, 2s.; non-Fellows, 5s.
- Vol. VII., part 2, 1886, 154 pages. Report of the **Primula Conference**, and of the **Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. IX., 1887, 230 pages. Report of the **National Pear Conference**, with Descriptive Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes, Burmese Potatos, Tomatos, Hyacinths, Daffodils, Orchids, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XI., part 3, 1889, 278 pages. Report of the **National Rose Conference**; Irises, Strawberries, Carnations, Peaches, Nectarines, Conifers, &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XII., part 1, 1890, 289 pages. Report of the **Vegetable Conference**: Papers on Asparagus, Winter Salads, Peas, Potatos, &c.; Report of the **Chrysanthemum Conference**, with Papers read thereat. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening, Salads, Spring Flowers, Report of the **Daffodil Conference**, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs, Herbaceous Pæonies, Hardy Plants for Mixed Borders, Fruit Evaporating, the Hollyhock, &c.; **Carnation Conference** and **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen, Snowdrops, Hybrid Rhododendrons, Cape Bulbs, Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.

Vol. XIII., part 3, 1891, 199 pages. Contains papers on Alpine Plants, Tea Roses. Papers read at **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines, Stove and Greenhouse Plants, Gladioli, Insectivorous Plants, &c. To Fellows, 2s.; non-Fellows, 5s.

Vol. XIV., 1892, 588 pages. Contains a full Report of and Proceedings at the **Conifer Conference**, held at Chiswick, October 7th and 8th, 1891, and all the papers read thereat; Synopsis of the order Coniferæ, by Dr. Maxwell T. Masters; Pinetum Danicum, by Prof. Carl Hansen; Statistics of Conifers in the British Islands, by Mr. Malcolm Dunn; Diseases of Conifers; Value of Conifers for Planting, &c., &c. To Fellows, 7s. 9d.; Non-Fellows, 15s. 6d.

Vol. XV., part 1, March, 1892, 120 pages. Contains a Report of the Conference on Michaelmas Daisies and Perennial Sunflowers, their culture, management, &c.; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s.; non-Fellows, 4s.

Vol. XV., parts 2 and 3, January, 1893, 400 pages. Report of the **Begonia Conference**; Conference on Apricots and Plums; Michaelmas Daisies, Winter Vegetables, Cultivation of Melons, The Florist's Tulip, The History and Culture of the Fuchsia, Root-pruning Fruit Trees, Daffodils, Cycads, Zonal Pelargoniums, Orchids, Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.

Vol. XVI., part 1, August, 1893, 276 pages. The effect of Fog on Plants; the effects of Glass of various colours on Plants; Flowers of the French Riviera; Alpine Plants; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight; the Citron Tree in Egypt; To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVI., parts 2 and 3, January, 1894, 223 pages. Houses for Alpines; Cannas; Pentstemons and Phloxes; Failure with Eucharis; Pears; The Onion; Chrysanthemums; Late-keeping Grapes, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 1 and 2, August, 1894, 212 pages. Cedar of Goa; Trees and Shrubs of Japan; Trees and Shrubs in the Arnold Arboretum; Hybrid Narcissi; Botanical Exploration in Borneo; Flowering Trees and Shrubs, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVII., parts 3 and 4, April, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XVIII., January, 1895, 192 pages. Conference on Hardy Trees and Shrubs; The Larch Disease; Forest Trees for Commercial Purposes; The Utilization of Waste Ground unsuitable for Agriculture; The General Management of Woods—**Conference on British Grown Fruit**; Fruit Growing, in Small Gardens; Fruit Growing on a Large Scale; Packing, Grading and Marketing Fruit, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 1, August 1895, 240 pages. Winter of 1894; Seedling Narcissi; Tomato Disease; "Sleeping Disease" of Tomatos; Lifting large Trees; The genus *Campanula*; **Primula Conference**; Plants and Gardens of the Canary Isles; Roses under Glass, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XIX., part 3, March, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing in England; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; Reports on Beans, Cabbages, Lettuces, Tomatos, Potatos, Dahlias, &c., &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 1, August, 1896, 204 pages. Melons; Summer Saladings; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; Reports on Peas, Spinach, Strawberries, &c. To Fellows. 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 2, November, 1896, 204 pages. Royal Horticultural Society's History; Garden Craft; Garden Literature; Garden Libraries; **Crystal Palace Fruit Show** Report. Value of Fruit from a Food point of view; the Cider and Perry Industry; Gathering, storing and utilization of Fruit. Reports of Trials at Chiswick of Tomatos, Beetroot, Potatos, and Turnips. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XX., part 3, March, 1897, 120 pages. New Roses, Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy Summer Flowers; Chrysanthemums; Seed-Growing, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 1, August, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; Cabbages; Broad Beans; Peas; Forcing French Beans; Strawberries, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 2, December, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen; Potatos, Kales, Roses, Early Chrysanthemums, Annuals. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXI., part 3, April, 1898, 426 pages. Great Fruit Show, 1897; Progress in Fruit, 1837-97, Progress in Vegetables, 1837-97, Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.

Vol. XXII., part 1, July, 1898, 178 pages. Fruit Growing in California; Orchids in Guiana; Professor Henslow on Plants; Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Examination; Apples and Pears for Flavour. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 2, October, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Professor Henslow on Plants; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; Raspberries; Black Currants; Peas; Peaches and Nectarines; Potatos; Lettuces; Onions; Tomatos. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXII., part 3, January, 1899, 322 pages. Edible Peas; Origin of Species and Inducement of Variation; Use of Bamboos; Hybrid Water Lilies; Perpetual Fruiting Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; Violas; Cannas; Chrysanthemums; Annual Flowers. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 1, July, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Professor Henslow on Plants; Asparagus; Alpine Floras of Britain and Switzerland; Onions; Examination in Horticulture. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 2, November, 1899, 190 pages. Light and Heat; Rock Gardens and Streams; Movements of Plants; Fertilisation by Insects, &c.; Dispersal of Seeds; Pruning; Drought of 1898; Plant Manures; Fruit Stations; open air Vines; Dahlias. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIII., part 3, August, 1900, 292 pages. **Crystal Palace Fruit Show**; Scale and Mealy Bug; Growth of the Fruit Trade; Professor Henslow on Plants; Fruit Growing in South Wales; Experiments in Potato Growing; Examination; Examination Questions, 1893-1900; Chrysanthemums; Cabbages; Brussels Sprouts; Kales; Black Currant Mite; Prunes; Alpine Plants; Vines in the Open Air; Meteorology; Charters and Bye-Laws. To Fellows, 2s. 6d.; non-Fellows, 5s.

Vol. XXIV., April, 1900, 348 pages. Contains a full Report of the **Conference on Hybridisation**; Hybridisation and Cross-Breeding as a Method of Scientific Investigation; Fertilisation of Anthuriums; Hybridising of Monstrosities;

Hybridisation and its Failures ; Experiments in Hybridisation and Cross-Breeding ; Work of the United States Department of Agriculture on Plant Hybridisation ; The Structure of Certain New Hybrids ; Hybridisation and Systematic Botany ; Hybrid Poppies, &c., &c. To Fellows, 4s. ; non-Fellows, 7s. 6d.

Vol. XXV., parts 1 and 2, November, 1900, 362 pages. Ornamental Trees and Shrubs ; Evolution of Plants ; Narcissi ; Problems in Heredity ; Aquatic plants ; Protoplasm and Evolution ; Phenomena of Germination ; Uses of Leaves ; Roses ; Lilies ; Cherries and Plums in pots ; Melons ; Montbretias, and Crocosmias ; Strawberry Mildew ; Gooseberry Disease ; Saving the Rain. To Fellows, 4s. ; non-Fellows, 7s. 6d.

Vol. XXV., part 3, April, 1901, 277 pages, 100 Illustrations. Figs in Pots ; Egyptian Vegetation ; The Law of Separation of Characters in Crosses ; On Crosses with Dissimilar Heredity ; Mistakes in Orchards ; The Black Currant Bud-Mite ; Fumigation with Hydrocyanic Acid Gas ; Imperial Gardens ; Cherry-Leaf Disease ; Mistakes in Fruit Culture ; Heating and Ventilating Hothouses ; Horticultural Progress in the Nineteenth Century ; Narcissi in New Zealand ; Cultivation of Oranges ; Meteorological Observations at Chiswick ; Reports on Celery, Celeriac, Late Potatos, Flowering Plants, Insecticides and Appliances, &c., &c. To Fellows, 4s. ; non-Fellows, 7s. 6d.

Vol. XXVI., parts 1 and 2, August, 1901, 388 pages, 154 Illustrations. Mendel's Experiments in Hybridisation ; Woad ; Snowdrop Disease ; Wild Gardens ; Fumigation for Insects and Diseases ; Bulbiform Seeds ; Hybrid Conifers ; Making and Un-making of Flowers ; Construction of a Verandah ; Inconspicuous Orchids ; Fasciation ; Improving Wild Plants ; Alpines on Walls, &c. To Fellows, 4s. ; non-Fellows, 7s. 6d.

Vol. XXVI., part 3, December, 1901, 444 pages, 115 Illustrations. The Royal Parks ; Propagation without Seeds ; Awakening of Buds and Sleeping of Leaves ; How Plants Climb ; London

Fog Injuries; *Oncocyclus* Irises; Mimicry in Plants; **Lily Conference Report**; Vine Culture for Wine; Iris Leaf Disease; Dye Plants; Tender Plants Outdoors; Garden Manures; Cactus Dahlias; Autumn Roses; Flowers and Fruits in Queensland; Violet Disease; Notes on Recent Research, &c., &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., part 4, April, 1902, 408 pages, 88 Illustrations. Fungus Pests of Carnations; Hardy Fruits for Scotland; Adaptations to Mechanical Forces; Mendel's Law and Orchid Hybrids; Hybrid Orchids; Plant Diseases; Insecticide Experiments; Mangos; A Public Horticultural Garden; Gooseberry Mildew; Fruit Preservation; Forest Trees; Arbor Day; Codlin Moth; Tulips; Fruit Drying and Evaporating; Air Canals in Nymphaeas; Banana Disease, &c., &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVII., part 1, September, 1902, 500 pages, 96 Illustrations. Fungoid Pests; Renovation of Old Fruit Trees; Nicotine in Horticulture; Birds versus Gardening; A Cape Garden; New Soil Science; Plant Communities; Pergolas; Campanulas; Figs in Wales; The Sycamore Fig; Classification by Evolution; The English Tulip; Weeds of the Garden; Pelargonium Disease; Flowers at Gibraltar; Horticulture at Cairo; The Daffodil Fly; Reports on Lettuce and Peas; Notes on Recent Research. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVII., parts 2 and 3, December, 1902, 483 pages, 92 Illustrations. Fungoid Pests; Trees and Shrubs; Carnation Disease; **Conference on Roses**; Botanical Garden at Malta; Small Fruits in Private Gardens; Hardy Fruits in Yorkshire; Gooseberry Mildew; Roots and their Uses; Internal Structure of Stems; How Fruits are made; Mendel's Theory and Orchid Hybrids; Fruit Trees in Pots; Horticulture in Egypt, &c., &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXVII., part 4, April, 1903, 494 pages, 99 Illustrations. Fungoid Pests; Germination in Amaryllids; Japanese Trees and Shrubs; Mendel's Theory and Wheat Hybrids; Flowering

Bulbs; Sir William J. Hooker; Vegetation in Kashmir; Wild Plants and Diseases; Abnormal Flowers; Bulb Extension in Amaryllids; *Cordyline indivisa*; Wasted Opportunities of Fruit Growing; Dietetic Values of Foods; The Engadine in June; Spraying and Packing; Manuring Market Crops; Rose Growing near Towns, &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXVIII., parts 1 and 2, October, 1903, 418 pages, 75 Illustrations. Fungoid Pests; Ether and Chloroform for Forcing; Little-known Trees and Shrubs; Trees and Shrubs from China; Darwinism and Evolution; Ants, Green Fly, and Scale; Blue Nymphaeas; Horticultural Education; Bottling Fruit; Conifers in the Thames Valley; Cape Flora; Show Tulips: Fruit at the Cape; Progress in Horticulture; To protect Cucumbers and Tomatos from Fungus; Horticulture in New Zealand; Root Growth of Daffodils, &c., &c. To Fellows, 5s.; non-Fellows, 10s.

Rules for Judging at Flower Shows, &c.

Every Horticultural Society in the Kingdom should possess at least one copy of this valuable Code of Rules.

The Code has been drawn up by the Royal Horticultural Society with a view to ensuring greater uniformity in the system of judging Plants, Flowers, Fruits, and Vegetables in every part of the country.

Secretaries of Societies and Schedule makers will find the R.H.S. Code of Rules an invaluable assistance.

Post Free 1s. 6d., from the R.H.S. OFFICE, 117, VICTORIA STREET, S.W.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POE, Esq., V.M.H.

W. CARRUTHERS, Esq., F.R.S.

Dr. MAXWELL T. MASTERS, F.R.S.

HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).

Treasurer of the Royal Horticultural Society (J. GURNEY FOWLER, Esq.).

THIS magnificent Horticultural Library, with which the Society's Library is incorporated, consists of about 4,000 volumes and pamphlets, the latter being very important, and many exceedingly rare, but hitherto no proper Catalogue has existed.

An effort has lately been made by the Trustees, in conjunction with the Council of the Society, both to extend the utility and completeness of the Library and also to render its contents more accessible to students. For this purpose funds are urgently required, the means at the disposal of the Trustees being quite inadequate to do more than meet the current expenses in keeping serials, &c., up to date.

The preparation of a Catalogue has been taken in hand, and has recently been issued. About £130 has so far been subscribed towards the cost of producing it, but this does not nearly cover the cost, and further donations are urgently needed and will be gratefully acknowledged by the Trustees.

Hitherto the bulk of the Fellows have been quite unaware what the Library contains and those interested in horticultural literature have had but very little, if any, means of knowing what has been published on any given subject.

The Catalogue will thus not only be of service as an index to the contents of the Library, but it will also, to a large extent, serve as a much-needed guide to the literature and bibliography of gardening.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the late Queen Victoria and others, as well as by purchases made both by the Trustees and by the Society.

Various memorial portraits of eminent horticulturists have also been entrusted to the Trustees for safe keeping, and now hang on the walls of the Rooms of the Society.

The Trustees feel great satisfaction that contributions have been entrusted to them not only by individuals, but also by Corporations like the Bentham Trust, as showing the opinions, as to the necessity of the work, entertained by those most competent to judge.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., 117, Victoria Street, S.W., from whom the Catalogue of the Library, price 2/6, may also be obtained.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.), except at times when the Council of the Society is sitting, when the room is unavoidably closed. (*See Meetings*, p. 63, *et seq.*)

2. The Trustees reserve the right of closing the Library for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Royal Horticultural Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Royal Horticultural Society for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1904-1905.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale.

VICE-CHAIRMEN.

FOSTER, Sir MICHAEL, K.C.B., V.M.H., M.P., F.R.S., Great Shelford, Cambridge.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.
THISELTON-DYER, Sir WILLIAM T., K.C.M.G., F.R.S., Kew.

HON. SECRETARY.

Rev. Prof. G. HENSLOW, M.A., F.L.S., V.M.H., 80, Holland Park, W.

BAKER, F. J., A.R.C.S., Shipley Hills, Meopham.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BALFOUR, Prof. I. B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.

BATESON, W., M.A., F.R.S., V.M.H., Merton House, Grantchester, Cambs.

BENNETT-POË, JOHN T., M.A., V.M.H., 29, Ashley Place, S.W.

BIDGOOD, J., B.Sc., F.L.S., Saltwell View, Gateshead.

BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.

BOULGER, Prof. G. S., F.L.S., F.G.S., 11, Onslow Road, Richmond, Surrey.

BOWLES, E. A., M.A., F.L.S., F.E.S., Myddelton House, Waltham Cross.

BROWN, Dr. HORACE, F.R.S., 52, Nevern Sqr., Kensington, S.W.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CHAMPION, G. C., Horsell, Worthing.

CHAPMAN, H. J., The Gardens, Oakwood, Wylam-on-Tyne.

CHITTENDEN, F. J., Biological Laboratory, Chelmsford.

CHURCH, Professor A. H., M.A., D.Sc., F.R.S., Shelsley, Kew Gardens.

COOKE, M. C., V.M.H., M.A., LL.D., 53, Castle Road, Kentish Town, N.W.

DARWIN, FRANCIS, M.B., F.R.S., Wychfield, Huntingdon Road, Cambridge.

DAVIDSON, H. C., Fanners, Wickham Bishops, Witham, Essex.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

DOUGLAS, JAMES, V.M.H., Great Bookham, Surrey.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

DUNCAN, F. MARTIN, 1, Crescent Road, South Park, Reigate.

ELLACOMBE, Rev. Canon, V.M.H., Bitton, Bristol.

ELWES, H. J., F.R.S., V.M.H., Colesborne, Cheltenham.

ENGLEHEART, Rev. G. H., M.A., F.S.A., V.M.H., Little Clarendon, Dinton, Wilts.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FRASER, JOHN, 4, Willow Cottages, Kew.

- GODMAN, F. DuCANE, F.R.S., 10, Chandos Street, Cavendish Sq.
 GORDON, GEORGE, V.M.H., Endsleigh, Priory Park, Kew.
 GROOM, Professor PERCY, F.L.S., Hollywood, Egham.
 HARTOG, Professor, D.Sc., M.A., Queen's College, Cork.
 HENRY, DR., Royal Gardens, Kew.
 HOLMES, E. MORELL, F.L.S., Ruthven, Sevenoaks.
 HOOPER, CECIL, H., Church House, Shoreham, Nr. Sevenoaks.
 HOUSTON, D., F.L.S., Royal College of Science, Stephen's Green, Dublin.
 HURST, C. C., Burbage Grove, Hineckley.
 IM THURN, E. F., C.B., The Queen's House, Colombo, Ceylon.
 LINDSAY, R., Kaimes Lodge, Murrayfield, N.B.
 LLEWELYN, Sir J. T. D., Bart., D.L., F.R.S., F.L.S., Penllergaer, Swansea.
 LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.
 MASSEE, GEORGE, F.L.S., V.M.H., Gateacre, Sandycombe Road, Kew.
 MAWLEY, ED., Rosebank, Berkhamsted.
 McLACHLAN, R., F.R.S., Westview, Clarendon Road, Lewisham, S.E.
 MICHAEL, A. D., F.L.S., 9, Cadogan Mansions, Sloane Sq., S.W.
 MORRIS, Sir DANIEL, K.C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural Department for the West Indies, Barbados.
 MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.
 MURRAY, GEORGE, F.R.S., Natural History Museum, S.W.
 NEWSTEAD, ROBERT, F.E.S., Grosvenor Museum, Chester.
 NICHOLSON, GEO., A.L.S., V.M.H., 37, Larkfield Road, Richmond.
 O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill.
 ODELL, J. W., The Grove, Stanmore, Middlesex.
 OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.
 PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.
 RENDLE, Dr. A. B., Natural History Museum, S.W.
 RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.
 SALMON, ERNEST S., Charlton House, Kew.
 SAUNDERS, GEO. S., F.L.S., F.E.S., 20, Dents Road, Wandsworth, S.W.
 SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace, Richmond, S.W.
 SCOTT-ELLIOT, Prof. G. F., M.A., B.Sc., F.L.S., Fore House, Kilbarchan, Renfrewshire.
 SHEA, CHARLES E., The Elms, Foots Cray, Kent.
 SMITH, WILLIAM G., Ph.D., Yorkshire College, Leeds.
 SMITH, WORTHINGTON G., F.L.S., 121, High Street, Dunstable.
 SUTTON, ARTHUR W., F.L.S., V.M.H., Reading.
 VEITCH, H. J., F.L.S., 34, Redcliffe Gardens, South Kensington.
 WALKER, A. O., Ulcombe Place, near Maidstone.
 WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.
 WORSDELL, W. C., Jodrell Laboratory, Royal Gardens, Kew.
 WORSLEY, A., Mandeville House, Isleworth.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE,

(Established May 7th, 1858)

1904-1905.

CHAIRMAN.

BUNYARD, GEO., V.M.H., Maidstone, Kent.

| | |
|--|----------------------|
| BALDERSON, H., Corner Hall, Hemel Hempstead. | } VICE- CHAIRMEN. |
| PEARSON, A. H., Hucknall Road, Nottingham. | |

WRIGHT, S. T., R.H.S. Gardens, Chiswick, *Secretary*.

ARNOLD, J., The Park Gardens, Cirencester,

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., The Gardens, Cross Deep, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

CASTLE R. LEWIS, Ridgmont, Aspley Guise.

CHEAL, JOSEPH, Lowfield, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

FYFE, W., Lockinge Park Gardens, Wantage.

GIBSON, J., Danesfield, Marlow.

GOODACRE, J. H., Elvaston Castle Gardens, Derby.

JAQUES, J., Pound Street, Wendover, Tring.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., Berkhamsted.

LYNE, GEO., Foxbury, Chislehurst.

MACKELLAR, A., Royal Gardens, Windsor.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

MCINDOE, JAMES, V.M.H., 8, Hythe Street, Dartford.

MELVILLE, A., Moulton Paddock Gardens, Newmarket.

MELVILLE, BERESFORD V., Ford Manor, Lingfield.

MILES, G. T., Wycomb Abbey Gardens, High Wycomb.

MORTIMER, S., Rowledge, Farnham, Surrey.

NORMAN, G., V.M.H., Hatfield House Gardens, Hatfield.

PARR, H., Trent Park Gardens, New Barnet.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham.

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton, W.

RIVERS, H. SOMERS, Sawbridgeworth.

THOMAS, OWEN, V.M.H., 25, Waldeck Road, Ealing.

VEITCH, J. H., F.L.S., King's Road, Chelsea.

VEITCH, P. C. M., J.P., New North Road, Exeter.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court Gardens, Teston, Maidstone.

WRIGHT, H. J., 32, Dault Road, Wardsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.- Nine Members form a quorum. Members of the Council are
Members of all the Committees.

FLORAL COMMITTEE, 1904-1905.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

VICE-CHAIRMEN.

BENNETT-POE, J. T., V.M.H., 29, Ashley Place S.W.

MAY, H. B., Dyson's Lane, Edmonton.

PAUL, GEORGE, J.P., V.M.H., Cheshunt.

SHEA, CHARLES E., The Elms, Foots Cray.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BAKER, W. G., Botanic Gardens, Oxford.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Warren, Hayes Common, Beckenham.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTRUSH, H. J., Highgate, N.

CUTHBERTSON, W., Dobbies Farm, Marks Tey.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DIXON, C., Holland House Gardens, Kensington.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

GORDON, G., V.M.H., Endsleigh, Priory Park, Kew.

GREEN, JOHN, Norfolk House, Dereham.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal, Slough.

JEFFRIES, C., 47, Whitestile Road, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft Nursery, Hither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

MCLEOD, J., Dover House Gardens, Roehampton.

MAWLEY, E., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Pk. Gdns., Bishops Waltham.

NICHOLSON, G., V.M.H., 37, Larkfield Road, Richmond.

NIX, JOHN ASHBURNER, Tilgate, Crawley.

NOTCUTT, R. C., Woodbridge, Suffolk.

PAGE-ROBERTS, Rev. F., Strathfieldsaye Rectory, Mortimer, Berks.

PEARSON, C. E., Chilwell Nurseries, Lowdham, Nottingham.

PEARSON, R. HOOPER, 40, Brocklebank Road, Earlsfield, S.W.

PERRY, AMOS, Hardy Plant Farm, Winchmore Hill, N.

REUTHE, G., Foxhill Nursery, Keston, Kent.

SALTER, C. J., Woodhatch Gardens, Reigate.

THOMSON, W. P., 25, Bollo Lane, Chiswick, W.

TURNER, H., V.M.H., Royal Nurseries, Slough.

WALKER, J., Ham Common, Surrey.

WALLACE, R. W., Kilnfield Gardens, Colchester.

NOTE.—Nine Members form a quorum. Members of the Council are Members of all the Committees.

ORCHID COMMITTEE, 1904-1905.

(Established March 26th, 1889.)

CHAIRMAN.

VEITCH, HARRY J., F.L.S., 34, Redcliffe Gardens, South Kensington.

VICE-CHAIRMEN.

FOWLER, J. GURNEY, Glebe Lands, South Woodford.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

SCHRÖDER, Baron Sir HENRY, Bart., V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHTON, F. W., Southgate, N.

ASHWORTH, ELIJAH, Harefield Hall, Wilmslow, Cheshire.

BALLANTINE, H., The Dell Gardens, Staines.

BILNEY, W. A., Fir Grange, Weybridge.

BOLTON, W., Wilderspool, Warrington.

BOND, T. W., Elstead House Gardens, Godalming.

BOXALL, W., V.M.H., 186, Brook Road, Upper Clapton.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H. J., The Gardens, Oakwood, Wylam-on-Tyne.

CHARLESWORTH, J., Heaton, Bradford.

COLMAN, J., Gatton Park, Reigate, Surrey.

COBB, W., 33, Broadwater Down, Tunbridge Wells.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, V.M.H., Edenside, Great Bookham.

GLEESON, M., Warren House Gardens, Stanmore.

HILL, E., Tring Park Gardens, Tring.

HISLOP, A., Bletchley Park Gardens, Bletchley.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MACBEAN, A. A., Cooksbridge, Sussex.

MOORE, F. W., V.M.H., Botanic Gardens, Glasnevin, Dublin.

MOORE, G. F., Chardwar, Bourton-on-the-Water, Glos.

MORRIS, H. G., 68, Cheapside, E.C.

ODELL, J. W., The Grove, Stanmore, Middlesex.

PITT, H. T., Rosslyn, 57, Stamford Hill, N.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Elmwood, Park Hill Road, Croydon.

REHDER, FRANK, 29, Mincing Lane, E.C.

SANDER, F., V.M.H., St. Albans.

THOMPSON, W., Walton Grange Gardens, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

THWAITES, R. G., 23, Christchurch Road, Streatham Hill.

TRACY, H. A., Amyand Park Road, Twickenham.

WELLESLEY, FRANCIS, Westfield, Woking.

WHITE, W. H., Burford Lodge Gardens, Dorking.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are Members of all the Committees.

NARCISSUS & TULIP COMMITTEE, 1904-1905.

(Established 1885.)

CHAIRMAN.

H. B. MAY, Dyson's Lane, Edmonton.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BENNETT-POË, JOHN T., V.M.H., 29, Ashley Place, S.W.

DOD, Rev. C. WOLLEY, M.A., V.M.H., Edge Hall, Malpas, Cheshire.

ENGLEHEART, Rev. G. H., V.M.H., Little Clarendon, Dinton.

CURTIS, C. H., 68, Whitestile Road, Brentford, *Hon. Sec.*

BARR, R., 12, King Street, Covent Garden, W.C.

BOSCAWEN, Hon. J., Tregye, Perranwell, Cornwall.

BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.

BOWLES, E. A., M.A., F.L.S., Myddelton House, Waltham Cross.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CAMMELL, G. H., Brookfield Manor, Hethersage, Sheffield.

COPELAND, W. F. M., Kibblestone Hall, Stone, Staffs.

COWAN, C. W., Dalhousie Castle, Bonnyrigg, Midlothian.

CROSFIELD, E. M., Little Acton, Wrexham.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing.

DIGBY, Rev. C., Warham Rectory, Wells, Norfolk.

FOSTER, Sir Michael, K.C.B., V.M.H., Sec. R.S., Shelford.

DE GRAAFF, JAN, Leyden, Holland.

GOLDRING, W., 28, Kew Gardens Road, Kew.

GOODWIN, A. R., The Elms, Kidderminster.

HALL, A. D., The Oast House, Harpenden.

HARTLAND, W. B., 24, Patrick Street, Cork.

KINGSMILL, A., The Holt, Harrow Weald, Stanmore.

MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.

MARSH, Rev. T. H., Cawston Rectory, Norfolk.

MILNER, W. A., Totley Hall, Sheffield.

MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.

PEARSON, J. DUNCAN, Chilwell Nurseries, Lowdham, Notts.

POPE, J., The Ericas, King's Norton.

POUPART, W., Marsh Farm, Twickenham.

REUTHER, G., Foxhill Nursery, Keston, Kent.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.

SMITH, J. A. DORIEN, Tresco Abbey, Scilly.

SYDENHAM, R., 190, Bristol Road, Birmingham.

TITHERADGE, G. T., 3, Birch Grove, Acton, W.

WALKER, JAMES, Ham Common, Surrey.

WALLACE, R., Kilnfield Gardens, Colchester.

WARE, WALTER T., Inglescombe, near Bath.

WILLMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

YOUNG, H. B., Metherringham Manor, near Lincoln.

NOTE.—Members of the Council are Members of all the Committees.

The Committee will meet at the DRILL HALL, on the following dates, at 12 o'clock, noon, viz., March 8th, 22nd, May 3rd, and 17th, and at 11.30 on April 5th and 19th, 1904.

REGULATIONS
FOR THE
FIVE STANDING COMMITTEES
(SCIENTIFIC, FRUIT, FLORAL, ORCHID, NARCISSUS),
AND FOR INTENDING EXHIBITORS,
1904-1905.

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (*see* page 36), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Wisley, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to, plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, 117, Victoria Street, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 63, *et seq.*; there will also be special Meetings at Wisley as often as may be necessary. The Quorum shall in all cases be 9 (except—*see* Rule 15, page 57).

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY **OR NOT**, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS THE COLLECTIONS AT WISLEY.

2. Exhibitors at the Hall of groups and collections must give notice to the Secretary, R.H.S., 117, Victoria Street, S.W.,

not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—*see* Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. In the case of Fruits or Flowers sent by rail or post—

- (i.) They must in all cases be sent carriage paid and at the risk of the sender.
- (ii.) A separate advice by post card or letter must be sent to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iii.) Small parcels should be addressed to the Secretary, R.H.S. Office, 117, Victoria Street, Westminster.
- (iv.) Very large or heavy parcels should be addressed to the Secretary, R.H.S., Drill Hall, L.S.R.V., Buckingham Gate, Victoria Street, Westminster; the postal advice being sent to the R.H.S. Office, 117, Victoria Street.

Unless these regulations be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For time of removal, see page 98.) If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars

should be communicated *in writing*.—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) Name of the raiser or importer. (4) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are requested to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less* than six must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

In recommending *First Class Certificates or Awards of Merit* to Cut Flowers, artificial "dressing," supports, &c., should be taken into account by the Committees in making their awards. This applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Fellows having represented to the Council the difficulty they find in identifying the attendants in charge of the different trade Exhibits at the Society's Meetings, the Council have caused a badge to be prepared which it is requested that attendants may be always provided with. These badges can be obtained at very small cost by applying at the Society's offices. Only the authorized form of badge will be allowed.

14. Two general forms of award will be made by the Council, viz.:—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made according to their merits to very superior seedlings or novelties, or to recently introduced, reintroduced, or very rare objects, or to highly decorative plants, or to other objects of great excellence which have been hitherto overlooked or ignored. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

15. If when summoned to meet at Wisley to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award

X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, &c., so distinguished, at the next (or nearest possible) General Meeting of the Society at Westminster or elsewhere, in order that they may, if still thought deserving, receive First Class Certificate or Award of Merit or other Award.

16. When at the Meeting of any of the Standing Committees the recommendation of any award has been proposed and put to the vote, it shall not be considered to have been "carried" unless the number of votes cast in its favour shall be at least double the number recorded against it.

17. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Wisley for trial.

18. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

19. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Wisley, as to their cropping qualities and distinctive merits. All subjects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Wisley for trial shall be limited to six sorts of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

20. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

THE SHERWOOD SILVER CUP.

Founded 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., and Past Master of the Worshipful Company of Gardeners, having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch & Sons of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree; Gardener, Mr. E. Beckett.

In 1900 it was offered for "Apples and Pears," when it was won by Roger Leigh, Esq., Maidstone; Gardener, Mr. Geo. Woodward.

In 1901 it was offered for the best collection of Orchids shewn by an Amateur at the Temple Show in a space not exceeding 100 square feet when it was won by Sir Frederick Wigan, Bart.; Gardener, Mr. W. H. Young.

In 1902 it was offered for the best collection of Hardy Ornamental Trees and Shrubs at the Temple Show, when it was won by Messrs. Fisher, Son & Sibray, of Handsworth, Sheffield.

In 1903 it was offered for the best collection of Vegetables shown by an Amateur in a space occupying not more than 50 square feet, when it was won by the Rt. Hon. Lord Aldenham, Elstree; Gardener, Mr. E. Beckett.

In 1904 it is offered for Roses at Holland House Show. For details see page 78.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, Vincent Square, S.W., eight days before the Competition takes place.

THE VEITCHIAN CUP.

In order to celebrate the Jubilee of the establishment of a business in London (Mr. James Veitch, Junr. having come to Chelsea in 1853), Messrs. James Veitch & Sons, Ltd. have presented to the Royal Horticultural Society Five Silver Gilt Cups, of the value of 55 guineas each ; each Cup being further enclosed in a Massive Oaken Case, costing £3 3s.

The Cup is of Silver Gilt with cover, and is of Grecian design, with handles formed of intertwining snakes and a button on the cover of Acanthus leaves and flower. Its height is $14\frac{3}{4}$ inches and its width $11\frac{1}{2}$ inches. It has been specially designed for Messrs. Veitch by Messrs. Johnson, Walker & Tolhurst, of 80, Aldersgate Street, E.C., Cup makers to the Royal Horticultural Society.

The Cup will be known as "The Veitchian Cup," and one will be awarded once a year to the best individual exhibit in the opinion of Special Judges at the Temple Shows of 1904, 1905, 1906, 1907 and 1908, or any other leading Show held under the direction of the Society as the Council may from time to time determine.

The successful exhibit may be either a single plant or a group, a novelty, or an example of culture.

The Cup will become the property of the Winner each year, and he will be required to make a declaration that the exhibit is his own property and has all been cultivated by him for at least fourteen days previous to the Show.

The Judges are to be seven—three amateurs, two gardeners and two nurserymen or seedsmen—to be selected by the Council.

No exhibitor can win more than one Cup.

In 1904 it will be awarded at the Temple Show on May 31st.



THE VEITCHIAN CUP OF SILVER GILT.

FRUIT, FLORAL, AND ORCHID MEETINGS, AND LECTURES.

1904—1905.

The Fruit, Floral, and Orchid Meetings will continue to be held in the Drill Hall, Buckingham Gate, until July, when it is hoped the Society's New Hall in Vincent Square will be ready. Both buildings are within a stone's throw of the Army and Navy Stores, see page 6. Popular Lectures are given on each date and the Meetings are open to Fellows at 1 p.m. free, and to the Public on payment at 2 p.m. The Lectures commence at 3 p.m.

NOTE.—On May 31st, June 1st and 2nd, the Meeting is at the Inner Temple Gardens, E.C. (for Admission *see* p. 75); on July 12th & 13th at Holland House, (*see* page 77); but on all other dates at the Drill Hall, Buckingham Gate, during the first 6 months of 1904, and at the Society's Hall, Vincent Square, during the remainder of the year.

A reminder of every Meeting will be sent, in the previous week, to any Fellow who will send to the Society's Office 24 Post-cards fully addressed to himself.

SCHEDULE.

N.B.—All Flowers, Fruits, &c., for Certificate, must be entered with the Clerk at the Committee Table before 11.30 a.m. See page 55, Section 6.

N.B.—Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

All persons whether Fellows or not, are invited to exhibit NEW, RARE or INTERESTING PLANTS, FLOWERS, FRUITS, VEGETABLES, &c., as well as groups or collections of those more widely known, at any of the Society's Meetings, &c. Besides the Prizes, &c., offered below, the Council grant Certificates and Medals to any really deserving exhibits on the recommendation of the Committees.

Judging will as far as possible be conducted on the lines laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging, &c."

The "Rules for the Temple Show" page 72, unless inapplicable, are in force at Holland House and at the Drill Hall also.

The Regulations to be observed by Competitors for the Prizes will be found on page 99.

TUESDAY, JANUARY 5th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JANUARY 26th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for Election of New Fellows. Lecture on
 "Oranges" by Mr. H. Somers Rivers.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 9th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committee meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. **ANNUAL GENERAL MEETING** at the Drill Hall,
for the election of Council, Officers, Fellows, &c.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, FEBRUARY 23rd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in the Drill Hall and Election of New Fellows.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, MARCH 8th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|--|
| 12 noon. | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall and Election of New Fellows. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, MARCH 22nd (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|--|
| 12 noon. | Fruit, Floral, Orchid and Narcissus Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in the Drill Hall and Election of New Fellows. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, APRIL 5th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open*..... *Certificates.*
2. New or Rare Fruits and Vegetables. *Open*..... *Certificates.*

MEETINGS.

- | | |
|-----------|--|
| 11.30 | Narcissus and Tulip Committee meets. |
| 12 noon. | Fruit, Floral, and Orchid Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in Drill Hall and Election of New Fellows. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |
-

TUESDAY, APRIL 19th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Group of Daffodil Blossoms grown entirely outdoors (Polyanthus varieties excluded); must include some of each section, Magni-, Medio-, and Parvi-Coronati; must contain at least 30 varieties distinct, at least three blooms of each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any hardy foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are three Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Vase, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

MEETINGS.

- | | |
|-----------|--|
| 11.30 | Narcissus and Tulip Committee meets. |
| 12 noon. | Fruit, Floral, and Orchid Committees meet. |
| 1.30 p.m. | Council Meeting. |
| 3 p.m. | Lecture in Drill Hall and Election of New Fellows. |
| 4 p.m. | Scientific Committee Meeting at 117, Victoria Street, S.W. |

Also, on April 19th.

NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW.

(For Rules and Regulations, see page 100.)

The R.H.S. contributes £10 towards the following Prizes, and gives 2/6 Admission Tickets to the Members of the N.A.P.S.

CLASS

1. 12 Auriculas, dissimilar.....50s.—40s.—30s.—20s.—10s.
2. 6 Auriculas, dissimilar.....30s.—20s.—15s.—10s.—5s.
3. 4 Auriculas, dissimilar.....20s.—15s.—10s.—7s. 6d.—5s.
4. 2 Auriculas, dissimilar.....12s. 6d.—10s.—7s. 6d.—5s.—2s. 6d.
Exhibitors in Class 1 may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4.
5. Single specimen, green edged..7s.—6s.—5s.—4s.—3s.—2s.—1s.
6. Single specimen, grey edged ..7s.—6s.—5s.—4s.—3s.—2s.—1s.
7. Single specimen, white edged..7s.—6s.—5s.—4s.—3s.—2s.—1s.
8. Single specimen, self7s.—6s.—5s.—4s.—3s.—2s.—1s.
9. 50 Auriculas, not less than 20 varieties (may include Alpines)—
80s.—60s.—40s.

NOTE.—One truss only may be shown in Auriculas; one or more in Alpines.

Classes 10, 11 and 12 for those who have never won a Prize.

10. 4 Show Auriculas, dissimilar15s.—10s.—7s. 6d.—5s.—2s. 6d.
 11. 2 Show Auriculas, dissimilar8s.—6s.—4s.—3s.—2s.
Exhibitors in Class 10 may not compete in Class 11.
 12. Single Specimens, green, grey, white edged
or self5s.—4s.—3s.—2s.—1s.
Exhibitors in Class 12 may not stage more than two exhibits, but may win with both exhibits.
- The Prizes in Classes 11 and 12 are presented by Mr. Wm. Smith, Bishops Stortford.
13. Prizes of 7s. 6d. and 5s. will be awarded (if worthy) to Seedlings in Auriculas—green edged, grey edged, white edged, and selfs.
 14. Auricula, Premier, selected from the whole Exhibition.....10s.
 15. 12 Alpine Auriculas, dissimilar30s.—20s.—10s.—7s. 6d.—5s.
 16. 6 Alpine Auriculas, dissimilar20s.—15s.—10s.—5s.—3s.
 17. 4 Alpine Auriculas, dissimilar15s.—10s.—7s. 6d.—5s.—3s.
 18. Alpine Auricula, single specimen, gold centre, 5s.—4s.—3s.—2s.—1s.
 19. Alpine Auricula, single specimen, white or cream centre5s.—4s.—3s.—2s.—1s.

NOTE.—One or more trusses may be shown in the Classes 15, 16, 17, 18 and 19. Shaded or unshaded flowers may be shown at the option of the Exhibitor.

CLASS

20. For those who have never won a Prize.

6 Alpine Auriculas, dissimilar 12s.—9s.—6s.—4s.—2s. 6d.

Mrs. Willmott very generously contributes One Guinea towards the prizes in Classes 10 and 20.

21. Alpines, Seedlings, gold centre 4s.—2s.

Alpines, Seedlings, white or cream centre 4s.—2s.

22. Auricula, Alpine, Premier, selected from the whole Exhibition, 10s.

23. Alpine Seedlings, 6 plants raised from seed, presented to the Members by Mr. James Douglas, Great Bookham.

First Prize, Silver Medal of the R.H.S.

Second Prize, Bronze Medal of the R.H.S.

Providing the Exhibits are worthy of the awards.

Presented by Mr. James Douglas.

24. 12 Auriculas, fancy, 6 at least to be distinct, not more than two of any variety 15s.—10s.—5s.

NOTE.—In Class 24 the plants may be arranged in a tasteful manner, with or without flower pots.

25. 12 Primulas, distinct species, or well marked varieties, 25s.—20s.—15s.—10s.

26. 6 Primulas, distinct species, or well marked varieties, 15s.—10s.—7s. 6d.—5s.

27. Group of any species or varieties of Primula or Auricula, in box or basket, not to exceed 12 superficial feet. Tasteful arrangement to be considered 20s.—15s.—10s.

28. 12 Polyanthus, dissimilar, fancy 20s.—15s.—10s.—5s.

29. Single specimens, Polyanthus, fancy 4s.—3s.—2s.—1s.

30. 12 Primroses, dissimilar, single 20s.—15s.—10s.—5s.

31. Single specimens, Primroses, single 4s.—3s.—2s.—1s.

The Prizes in Classes 29 and 31 are presented by a Fancier.

32. 6 Primroses, dissimilar, double, in pots or pans, not necessarily one plant 10s.—7s. 6d.—5s.

33. 3 Polyanthus, dissimilar, gold laced 7s. 6d.—5s.—3s.—2s. 6d.

34. Polyanthus, single specimen, gold laced 4s.—3s.—2s.—1s.

35. A Group of Primrose and Polyanthus plants, in or out of pots, arranged for effect in a space of 4 ft. by 3 ft. 20s.—15s.—10s.

A large Silver Gilt Medal of the R.H.S. will be given by Mr. James Douglas to the winner of the highest aggregate number of points gained in Classes 1, 2, 3, 6, 7, 8, 14, 15, 17, 18, 19, and 22.

1st prize to count 24 points, 2nd prize 18 points, 3rd prize 12 points, except single Specimens, which shall count 3, 2, 1, and Premiers 6 points.

A Silver Medal of the R.H.S. will also be given by Mr. James Douglas to the winner of the highest aggregate number of points gained in Classes 3, 4, 5, 6, 7, 8, 14, 16, 17, 18, 19, and 22.

1st prize to count 18 points, 2nd prize 12 points, 3rd prize 6 points, except Single Specimens, which shall count 3, 2, 1, and Premiers 6 points.

TUESDAY, MAY 3rd (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *OpenCertificates.*
2. New or Rare Fruits and Vegetables. *OpenCertificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the Drill Hall and Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

TUESDAY, MAY 17th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... ..Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Conference in the Drill Hall and Election of New Fellows.
 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.

Also, on May 17th.

ROYAL NATIONAL TULIP SOCIETY'S SHOW.

(*Southern Section.*)

The R.H.S. gives one 2/6 Admission Ticket to each member
of the N.T.S.

SCHEDULE OF PRIZES.

CLASS

- A. 12 Dissimilar Rectified Tulips; 2 feathered and 2 flamed in each class.
First Prize, Silver Cup; Second Prize, Silver Medal; also Third and Fourth Prizes awarded.
- B. 6 Dissimilar Rectified Tulips; 1 feathered and 1 flamed in each class.
First Prize, Silver Medal; also Second, Third and Fourth Prizes awarded.
- C. 3 Feathered Tulips; 1 of each class.
First Prize, Silver Medal; Second, Third and Fourth Prizes also awarded.
- D. 3 Flamed Tulips; 1 of each class.
First Prize, Silver Medal; Second, Third and Fourth Prizes also awarded.

CLASS

- E. 6 Dissimilar Breeder Tulips ; 2 of each class.
First Prize, Large Silver Medal ; *Second*, *Third* and *Fourth Prizes* also awarded.
- F. 3 Dissimilar Breeder Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third* and *Fourth Prizes* also awarded.
- G. Single Blooms in each of the 6 classes. Feathered Bizarres, Roses and Bybloemens, Flamed Bizarres, Roses, and Bybloemens. *Five Prizes* in each class. The variety winning the first prize may win *once* again ; with this exception, all winning flowers must be dissimilar.
- H. Single Blooms in each of the 3 classes of Breeders : Bizarres, Roses, Bybloemens. *Five Prizes* in each class.

SPECIAL PRIZE.

- I. The "Samuel Barlow" Prizes for the best pair of Rectified Tulips ; 1 feathered and 1 flamed of any class.
First Prize, Silver Gilt Medal ; *Second Prize*, Silver Medal ; *Third*, *Fourth* and *Fifth Prizes* also awarded.

The following classes are only open to growers of less than 400 Blooming Bulbs of English Tulips :—

1. 6 Dissimilar Rectified Tulips ; 2 in each class, either feathered or flamed.
First Prize, Silver Medal ; *Second*, *Third* and *Fourth Prizes* also awarded.
2. 3 Feathered Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
3. 3 Flamed Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
4. 3 Dissimilar Breeder Tulips ; 1 of each class.
First Prize, Silver Medal ; *Second*, *Third*, *Fourth* and *Fifth Prizes* also awarded.
5. Silver Medal for 2 Rectified Tulips ; 1 feathered and 1 flamed of any class.

A Silver Medal will also be awarded to the maiden grower whose exhibits in any of the above classes are considered most meritorious.

Three additional prizes of 2s. 6d. will be awarded to the best feathered flower, the best flamed flower, and the best breeder flower in the above classes.

All particulars as to conditions of entry, &c., can be obtained from the Secretary, A. D. HALL, Esq., The Oast House, Harpenden.

TUESDAY, WEDNESDAY, and THURSDAY,
May 31st, June 1st and 2nd, 1904,
GREAT FLOWER SHOW
 WILL BE HELD IN THE
INNER TEMPLE GARDENS,
THAMES EMBANKMENT.

By the kind permission of the Treasurer and Benchers of the Inner Temple.

MEETINGS, TUESDAY, MAY 31st.

- 10.30 a.m. Judging commences.
 11 a.m. Fruit, Floral and Orchid Committees assemble.
 12 noon. Council Meeting.
 12.30 Exhibition opens to Fellows.
-

AS ON PREVIOUS OCCASIONS, A LARGE NUMBER OF
SILVER CUPS AND MEDALS

Will be Awarded according to Merit.

For the VEITCHIAN CUP see Page 60.

Three **Special Prizes** will be awarded for the exercise of good taste in the Arrangement of Exhibits. These Prizes will be awarded without any reference to the quantity or quality of the exhibit, and will be in addition to any other award that may be gained.

Duplicate Award-Cards will in no case be permitted, but a special card to cover the difficulty will be issued.

N.B.—Exhibitors are particularly requested **not** to write for space **before** the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after March 31st. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

The Show will be divided into the following Classes, which will each have a separate set of judges:—

CLASS

1. Orchids.
2. Roses.
3. Fruit and Vegetables.
4. Groups staged in the open air.
5. Hardy Herbaceous Plants.
- *6. Alpines and Rock Gardens.
7. Foliage Plants, either alone or mixed with Flowers.
8. Flowering Plants other than Classes 1, 2, 5 and 6.
9. Any Plants that cannot be included in the above.

*A space, 13 by 3, will be uniformly granted for all entries in Class 6, and all exhibits must conform to it.

N.B.—When a group consists in great measure of any particular subject, but also contains a few of some other or others, the group will be considered to come under the appellation of its principal subject.

The Council desire that (1) all groups should be less crowded, and that (2) masses of colour should be broken up by the use of green foliage. It would be far better if Exhibitors would be content to show less and confine it to the best of their produce only. (2) applies especially to *Azalea mollis*, and to *Tulips*, *Anemones*, and cut flowers generally.

Each set of judges will be requested to use a maximum of 20 points in judging each group, and to allot such number of points (not exceeding 20) to each group as they may consider it deserves.

The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to exclude all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

RULES, &c., FOR EXHIBITORS AT THE TEMPLE SHOW.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii.) fill it with very ordinary or inferior plants and flowers, &c. N.B.—The exhibition of *Leeks* and *Onions* at this Show is prohibited.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more:—

100 sq. ft. each—Fruit, Vegetables, *Calceolarias*, *Gloxinias*, *Carnations*, *Streptocarpus*, *Zonal* and *Ivy-leaf Pelargoniums*, *Hardy Cut Flowers*, and other plants of similar character.

[N.B.—Duplicate Bunches of Cut Flowers are prohibited. Bunches of Cut Flowers should be less crowded and in as natural a condition as possible—the mutilation of *Lillies*, *e.g.*, by removal of the anthers being inadmissible.]

150 sqr. ft. each—Begonias, Pelargoniums (Show and Fancy), Ferns.

200 sqr. ft. each—Orchids.

300 sqr. ft. each—Foliage plants, Palms, Caladiums, and others of a similar character.

400 sqr. ft. each—Pot Roses, Clematis and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—All pots which show should be covered, or partly hidden, with *natural* green moss, or with foliage.

5.—Decorative Vegetables, such as coloured Kales, must be shown as Vegetables, and not mixed with Flowers.

6.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

7.—Plants and produce exhibited to show the effect of different Manures and Soils will be placed outside the tents.

8.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

9.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded cut-flowers.

10.—All Fruits and Vegetables, when gathered, must be shown in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular. Fruit and Vegetables may not be combined in one exhibit but must be placed separately. Flowers may not be mixed with either, but a little green (as of Asparagus) laid down between dishes of fruit is an improvement. Vegetables should be laid on moss or garnished with Parsley. Tomatos will rank as Vegetables. Leeks and Onions may not be shown.

11.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

12.—All plants must be named. The name cards of the plants, &c., should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs. So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 13.

13.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred. They must contain nothing whatever but the name and address.

14.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

15.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

16.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on *both* sides. No other covering material will be allowed.

17.—No coloured paper or ribbons may be used for decoration.

18.—Exhibits must not be removed until half-an-hour after the closing of the Show.

19.—All Exhibitors must post their Entry Forms to the SECRETARY, R.H.S., 117, VICTORIA STREET, WESTMINSTER, on or before the 11th day before the Show, *i.e.*, on Friday, May 20th, 1904. Entry Forms bearing a later post mark will be liable to refusal. No plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS

At the Temple Show, 1904.

—:o:—

Exhibitors must post the notice of their intention to exhibit to the *Secretary, R.H.S. Office, 117, Victoria Street, Westminster, not later than the 11th day before the Show, i.e., on Friday, May 20th.* Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of 10,000 copies is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the Show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's tent** at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets **must** be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of May 30th or the morning of the Show up to 9 o'clock, at which hour the gates will be closed and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on June 2nd, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

N.B.—Single plants, &c., for Certificate may be entered as late as Thursday, May 26th.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for the Temple Show an **Official Catalogue** comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the Drill Hall, Buckingham Gate, S.W., and at Holland House and in the New Hall; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Friday, May 20th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the **TEMPLE SHOW CATALOGUE** may be obtained on application to the **SECRETARY**, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the **TEMPLE SHOW CATALOGUE 1904** may be booked at once to secure a good position.

Advertisement Office :—Royal Horticultural Society, 117 Victoria Street, London, S.W.

ADMISSION TO THE TEMPLE SHOW, 1904.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else). Transferable Tickets will of course admit bearer.

(b) The Public, by purchased Tickets :—On Tuesday, May 31st, from 12.30 to 7 p.m., 7s. 6d. On Wednesday, from 9 a.m. to 7 p.m., 2s. 6d. On Thursday, from 9 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, 117, Victoria Street, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Wednesday. These tickets *can only be obtained on or before May 28th from the Society's Office*, 117, Victoria Street, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies must apply *only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE 14th (Drill Hall).

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall and Election of New Fellows.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

TUESDAY, JUNE 28th (Drill Hall).

CLASS.

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture in Drill Hall and Election of New Fellows.
- 4 p.m. Scientific Committee Meeting at 117, Victoria Street, S.W.
-

ON TUESDAY AND WEDNESDAY,

July 12th and 13th, 1904.

By the kind permission of the Rt. Hon. The EARL OF ILCHESTER

THE

Royal Horticultural Society

WILL HOLD A

GREAT SUMMER SHOW,

AT

HOLLAND HOUSE, KENSINGTON.

THIS Meeting will be on similar lines to the Temple Show, and **all classes of Plants, Flowers, and Fruits** may be exhibited. Application for space to exhibit *Miscellaneous Groups* of any kind, must be made to the Secretary, 117, Victoria Street, not later than Tuesday, July 5th. Single Plants, Flowers, Fruits, &c., shown for Certificate, may be entered on the Morning of the Show, but only before 10.30 a.m. The Rules on page 72 will apply, unless otherwise arranged.

ARRANGEMENTS, TUESDAY, JULY 12th.

- | | | |
|------------|---|---|
| 11 a.m. | { | Fruit, Floral and Orchid Committees meet. Judging commences. |
| 12 noon | | Council meets. |
| 12.30 p.m. | | Exhibition open to Fellows. |
| 1 p.m. | | The Council will entertain the Committees and other invited guests at Luncheon. |
| 2 p.m. | | The Show opens to the Public. |

SPECIAL PRIZES.

CLASS.

3. A representative Group of Roses placed on the ground (inverted pots, &c., may be used as usual for elevating separate plants) in a space not exceeding 500 square feet, including as far as possible H.P.'s, Teas, Noisettes, H.T.'s, Bourbons, Chinas, Garden, Climbing and Moss Roses, Species and Hybrids, in pots, or cut flowers in plain glasses, vases or jars, and not in Exhibition boxes. Only Rose foliage may be used with cut blooms, but ferns, palms, grasses, &c., in pots, may be used as edging and background. *Open.*

First, Sherwood Cup (see p. 59);

Second, a smaller Silver Cup.

4. Three Arrangements in Vases or Vessels, of Flowers and Foliage from Stove, Greenhouse, or open Garden, freely arranged, in water, Orchids excluded.

First, £3; Second, £2; Third, £1.

Note.—The object of this Competition is to encourage free arrangement in decoration and a variety of Harmonious Artistic Vessels, and to spread a knowledge of the flowers which keep best in water, how and when best to cut them, and of the flowers which are injurious to others when placed together in water. Each of the three arrangements should be distinct in form and colour. In judging, the following points will be considered with reference to each of the three arrangements set up by each competitor:—(1) Colour Harmony. (2) Arrangement and form. (3) Harmony of Vase or Vessel with Arrangement. (4) Lasting qualities. (5) General Effect.

Cups, Medals and Awards will be made to all Exhibits considered sufficiently meritorious.

For the SHERWOOD CUP, see p. 59.

ADMISSION TO THE HOLLAND HOUSE SHOW.

The Show will be open to all Fellows of the Society and their friends holding their Annual Tickets, at 12.30 p.m. on Tuesday, July 12th, and at 9.30 a.m. on Wednesday, July 13th. **N.B.—Fellows Tickets must be shown at the Gates and other Tickets given up.** The Public will be admitted on Tuesday, 12th, at 2 p.m. on payment of 7s. 6d., and at 9.30 a.m. on Wednesday on payment of 2s. 6d. The Grounds will be cleared of Visitors at 8 p.m. on Tuesday, and 6 p.m. on Wednesday, when exhibits may be removed.

CATALOGUE OF EXHIBITS, &c.

TEN THOUSAND COPIES will be distributed FREE.

The Society will issue for Holland House an Official Catalogue comprising a History of the Royal Horticultural Society, including particulars of the Meetings and Shows, both at the New Hall, Vincent Square, S.W., and elsewhere; also, Schedule of Plants, with names of any new or specially noteworthy ones, to be exhibited, and giving names and addresses of all Exhibitors entered up to Tuesday, July 5th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the HOLLAND HOUSE CATALOGUE may be obtained on application to the SECRETARY, Royal Horticultural Society, 117, Victoria Street, London, S.W.

Advertisements for the HOLLAND HOUSE CATALOGUE 1904 may be booked at once to secure a good position.

Advertisement Office :—Royal Horticultural Society, Vincent Square,
London, S.W.

TUESDAY, JULY 26th.

It is hoped that the Society's own Hall in Vincent Square, (see p. 6) will be ready for this Meeting.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture in the New Lecture Room, and Election of Fellows.
 4 p.m. Scientific Committee Meeting in the Library, Vincent Square.

Also on July 26th.

NATIONAL CARNATION AND PICOTEE SOCIETY'S SHOW.

(For Rules and Regulations see page 104.)

The Royal Horticultural Society contributes £10 towards the Prize List and gives 2/6 Admission Tickets to the Members of the N.C.P. Society.

Triplicates may not be shown in Classes 1 to 5.

FIRST DIVISION.

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|--------------|--------------|
| | | 1st Prize. | 2nd Prize | 3rd Prize |
| 1. | A stand of 24 Carnation blooms, dressed on cards, Bizarres and Flakes only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 2. | A stand of 24 Carnation blooms, dressed on cards, Selfs only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 3. | A stand of 24 Carnation blooms, dressed on cards, Fancies only, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. <i>Scoring for Aggregate</i> | 24 | 18 | 12 |
| 4. | A stand of 24 Picotee blooms, dressed on cards, white ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 5. | A stand of 24 Picotee blooms, dressed on cards, yellow ground, not less than 12 dissimilar varieties. 40s. 30s. 20s. 10s. <i>Scoring for Aggregate</i> | 24 | 18 | 12 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 6. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. | 10s. | 5s. 3s. |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 7. | A stand of 6 blooms, dressed on cards, of any variety of yellow or buff ground Fancy Carnation. All 6 blooms must be of the same variety. An exhibitor may show one stand only. | 15s. | 10s. | 5s. 3s. |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 8. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. | 10s. | 5s. 3s. |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 9. | A stand of 6 blooms, dressed on cards, of any variety of yellow ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | 15s. | 10s. | 5s. 3s. |
| | <i>Scoring for Aggregate</i> | .. 12 | 9 | 6 |
| 10. | 12 distinct varieties Selfs, Fancies, and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the calyx. | 20s. | 15s. | 10s. 5s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 |

SINGLE SPECIMENS, CARNATIONS.

| BIZARRES AND FLAKES. SINGLE BLOOMS. | | | | | | |
|-------------------------------------|---------------------------------------|----|-----|-----|-----|---------|
| 11. | Scarlet Bizarres | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Crimson " | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Pink " | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Purple Flakes | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Scarlet " | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Rose " | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | |
| SELF. SINGLE BLOOMS. | | | | | | |
| 12. | White or Blush White | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Rose or Pink .. | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Scarlet Red or Crimson | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Marone or Purple | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Yellow .. | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | Buff .. | .. | 5s. | 4s. | 3s. | 2s. 1s. |
| | <i>Scoring for Aggregate each win</i> | .. | 3 | 2 | 1 | |

| Class No. | | Points for Aggregate Prize. | | | | |
|---------------------------------------|-------------------------|--------------------------------|---------------|---------------|-----|-----|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. | | |
| | FANCIES. SINGLE BLOOMS. | | | | | |
| 13. | Yellow Ground .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Other Fancies .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| <i>Scoring for Aggregate each win</i> | | .. | 3 | 2 | 1 | |

PICOTEEES OF ALL DESCRIPTIONS.

| | | SINGLE BLOOMS. | | | | |
|---------------------------------------|------------------------------------|----------------|-----|-----|-----|-----|
| 14. | Red, heavy-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Red, light-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Purple, heavy-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Purple, light-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose or Scarlet, heavy-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Rose or Scarlet, light-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Yellow ground, heavy-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| | Yellow ground, light-edged .. | 5s. | 4s. | 3s. | 2s. | 1s. |
| <i>Scoring for Aggregate each win</i> | | .. | 3 | 2 | 1 | |

In above Classes for Single Blooms, Exhibitors may not show more than two blooms in each division of colour, but may win with either or both.

PREMIERS.

The Premier Carnations and Picotees will be selected from the whole Exhibition of Bizarres, Flakes, Sells, Fancies, Heavy-edged White Ground Picotees, Light-edged White Ground Picotees, Heavy-edged Yellow Ground Picotees, and Light-edged Yellow Ground Picotees, and each will receive a Prize of 5/-, and every win with such Premier Bloom shall

Score for Aggregate .. 4

An Exhibitor can only show in one Division—1st, 2nd, or 3rd.

VERY IMPORTANT.

All exhibits must be ready for Judging at 11 a.m. This rule will be strictly enforced, no deviation can possibly be allowed.

A Cup, value £8, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above First Division by any one Competitor.

Note the Conditions 4 and 5, on page 104, and also a List of Yellow Grounds at the end of the Prize Schedule, determining, as to each

variety, whether it is to be exhibited as a "Picotee" or a "Fancy." Any Yellow Ground not mentioned in the said list may be shown on its merits.

Exhibitors who intend to compete for the Cups will be furnished at the Hall, on application, with Skeleton Schedule Cards for the 1st, 2nd, or 3rd Divisions. These they must fill up themselves, with the details of the prizes they have taken and the points gained, and must hand them in to the Hon. Secretary, or such person as he may appoint to receive them, before 3.30 p.m.

MOST IMPORTANT.

To secure the publication of the names of the winning flowers, Exhibitors are requested to fill in the names upon forms which will be supplied to them at the Hall at the time they apply for their Cards. The Hon. Secretary or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. *It is imperative that these forms be filled in.*

SECOND DIVISION.

| Class No. | | Points for Aggregate Prize. | | |
|--------------|--|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 15. | A stand of 12 Carnation blooms, dressed on cards Bizarres and Flakes, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 16. | A stand of 12 Carnation blooms, dressed on cards, Selfs only, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 17. | A stand of 12 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 18. | A stand of 12 Picotee blooms, dressed on cards, white ground, dissimilar varieties. 25s. 20s. 15s. 10s. 5s. <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 19. | A stand of 12 Picotee blooms, dressed on cards, yellow ground, not less than 6 dissimilar varieties. | | | |
| | 25s. 20s. 15s. 10s. 5s. | | | |
| | <i>Scoring for Aggregate</i> .. | 24 | 18 | 12 |
| 20. | A stand of 6 blooms, dressed on cards, of any variety of Self Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 21. | A stand of 6 blooms, dressed on cards, of any variety of Yellow or Buff Ground Fancy Carnation. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 22. | A stand of 6 blooms, dressed on cards, of any variety of Fancy Carnation, other than yellow or buff ground. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 23. | A stand of 6 blooms, dressed on cards, of any variety of Yellow Ground Picotee. All 6 blooms must be of the same variety. An Exhibitor may show one stand only. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 12 | 9 | 6 |
| 24. | 6 distinct varieties, Selfs, Fancies, and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. | | | |
| | 15s. 10s. 5s. 3s. 2s. | | | |
| | <i>Scoring for Aggregate</i> .. | 18 | 12 | 6 |
| | Exhibitors in this division may also show in the Single Bloom Classes, and wins in these classes shall | | | |
| | <i>Score for Aggregate</i> .. | 3 | 2 | 1 |
| | And if any blooms are selected from this division as Premiers, each win shall | | | |
| | <i>Score for Aggregate</i> .. | 4 | | |

An Exhibitor can only show in one Division, 1st, 2nd, or 3rd.

A Cup, value £6, will be given by the President of the Society to the winner of the highest aggregate number of points gained in the above 2nd Division by any one Competitor.

See Notes at end of First Division, which apply equally to Divisions 2 and 3.

| Class No. | | Points for | | |
|-----------------|--|---------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| THIRD DIVISION. | | | | |
| 25. | A stand of 6 Carnation blooms, dressed on cards, Bizarres and Flakes, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 26. | A stand of 6 Carnation blooms, dressed on cards, Sells only, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 27. | A stand of 6 Carnation blooms, dressed on cards, Fancies only, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 28. | A stand of 6 Picotee blooms, dressed on cards, White Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 29. | A stand of 6 Picotee blooms, dressed on cards, Yellow Ground, dissimilar varieties. 17s. 15s. 12s. 10s. 8s. 6s. 4s. 2s. | | | |
| | <i>Scoring for Aggregate ..</i> | 24 | 18 | 12 |
| 30. | A stand of 3 Carnation blooms, dressed on cards, Sells, same variety. 10s. 8s. 5s. 4s. 3s. | | | |
| | <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 31. | A stand of 3 Carnation blooms, dressed on cards, Yellow or Buff Ground Fancies, same variety. 10s. 8s. 5s. 4s. 3s. | | | |
| | <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 32. | A stand of 3 Carnation blooms, dressed on cards, Fancies, other than Yellow or Buff Ground, same variety. 10s. 8s. 5s. 4s. 3s. | | | |
| | <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |
| 33. | A stand of 3 Picotee blooms, dressed on cards, Yellow Ground, same variety. 10s. 8s. 5s. 4s. 3s. | | | |
| | <i>Scoring for Aggregate ..</i> | 12 | 9 | 6 |

| Class No. | | Points for Aggregate Prize. | | |
|--------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| 34. | 3 distinct varieties, Selfs, Fancies and Yellow Grounds, 3 blooms of each variety, without dressing or cards, in one bottle with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. | | | |

| | | | | | |
|---------------------------------|------|-----|-----|-----|-----|
| | 10s. | 8s. | 5s. | 4s. | 3s. |
| <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 | | |

Exhibitors in this Division may also show in the Single Bloom Classes, and wins in those classes shall

| | | | |
|-----------------------------------|---|---|---|
| <i>Score for the Aggregate ..</i> | 3 | 2 | 1 |
|-----------------------------------|---|---|---|

And if any blooms are selected from this Division as "Premiers," each win shall

| | |
|-----------------------------------|---|
| <i>Score for the Aggregate ..</i> | 4 |
|-----------------------------------|---|

An Exhibitor can show in only one Division, 1st, 2nd, or 3rd.

A Cup, value £4, will be given by the President of the Society for the highest aggregate number of points gained in the above 3rd Division by any one Competitor.

See Notes at end of First Division, which apply equally to Divisions 2 and 3.

N.B.—Trade growers and growers of more than one thousand plants (exclusive of seedlings) cannot compete in the Third Division.

EXHIBITS WITHOUT DRESSING OR CARDS.

There must be no manipulation of the Calyx, and a split pod is a disqualification.

CLASSES 35, 36, 37, 38, 39, 40, 41, 42 and 43.

Exhibitors in Divisions 1, 2 and 3, and Trade Growers cannot compete in Classes 35, 36, 37, 38, 39, 40, 41, 42 and 43,

Exhibits in these Classes may be shown in Boxes, Glasses or Bottles.

CARNATIONS.

BIZARRES AND FLAKES.

35. 6 Carnation blooms, Bizarres and Flakes, dissimilar varieties, each with a single spray of Carnation foliage.

| | | | | | | |
|---------------------------------|------|------|-----|-----|-----|-----|
| | 12s. | 10s. | 8s. | 6s. | 5s. | 4s. |
| <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 | | | |

SELFS.

36. 6 Carnation blooms, Selfs, dissimilar varieties, each with a single spray of Carnation foliage.

| | | | | | | |
|---------------------------------|------|------|-----|-----|-----|-----|
| | 12s. | 10s. | 8s. | 6s. | 5s. | 4s. |
| <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 | | | |

FANCIES.

37. 6 Carnation blooms, Fancies, dissimilar varieties, each with a single spray of Carnation foliage.

| | | | | | | |
|---------------------------------|------|------|-----|-----|-----|-----|
| | 12s. | 10s. | 8s. | 6s. | 5s. | 4s. |
| <i>Scoring for Aggregate ..</i> | 18 | 12 | 6 | | | |

| Class No. | | Points for Aggregate Prize. | | |
|----------------|---|--------------------------------|---------------|---------------|
| | | 1st Prize. | 2nd Prize. | 3rd Prize. |
| PICOTEEES. | | | | |
| WHITE GROUND. | | | | |
| 38. | 6 Picotee blooms, white ground, dissimilar, each with a single spray of Picotee foliage. | 12s. | 10s. | 8s. |
| | | 6s. | 5s. | 4s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 |
| YELLOW GROUND. | | | | |
| 39. | 6 Picotee blooms, yellow ground, dissimilar, each with a single spray of Picotee foliage. | 12s. | 10s. | 8s. |
| | | 6s. | 5s. | 4s. |
| | <i>Scoring for Aggregate</i> | .. 18 | 12 | 6 |
| 40. | 6 distinct varieties, Selfs, Fancies and Yellow Grounds, 3 blooms of each variety, in one bottle, with Carnation foliage to each. The blooms to stand well above the bottles. Wire may be used to support the blooms, but must not extend beyond the Calyx. | 12s. | 10s. | 8s. |
| | | 6s. | 5s. | 4s. |
| | <i>Scoring for Aggregate</i> | .. 24 | 18 | 12 |

SINGLE SPECIMENS.

| | | | | |
|-----------------------|---|------|-----|-----|
| SINGLE BLOOMS. | | | | |
| 41. | Selfs, any colour, with a single spray of Carnation foliage. An exhibitor may show two blooms, but can win one prize only. | 5s. | 4s. | 3s. |
| | | 2s. | 1s. | |
| | <i>Score for Aggregate</i> | .. 3 | 2 | 1 |
| 42. | Fancies, any colour, with a single spray of Carnation foliage. An exhibitor may show two blooms, but can win one prize only. | 5s. | 4s. | 3s. |
| | | 2s. | 1s. | |
| 43. | Yellow Ground Picotees, with a single spray of Carnation foliage. An exhibitor may show two blooms, but can win one prize only. | 5s. | 4s. | 3s. |
| | | 2s. | 1s. | |

A Cup, value 3 Guineas, will be awarded to the winner of the highest aggregate number of points gained in Classes 35, 36, 37, 38, 39, 40 and 41.

See Notes at end of First Division, which apply equally to Divisions 2 and 3.

ALL CLASSES.

CARNATIONS AND PICOTEES.

| | | | | | | |
|-----|--|------|-----|-----|-----|-----|
| 44. | Six Carnation and Picotee blooms, dissimilar, Fancies and Selfs admissible. <i>For those who have never won a Prize at the Exhibitions of the National Carnation and Picotee Society (Southern Section).</i> | 10s. | 7s. | 5s. | 4s. | 2s. |
|-----|--|------|-----|-----|-----|-----|

SEEDLINGS.

| | | | | | | | |
|-----|---|-----|-----|-----|-----|-----|-----|
| 45. | Two cut blooms, shown as cut from the plant with Carnation foliage, from any seedling not previously exhibited in the Class. Exhibitors may show blooms from three separate varieties, and may win with any or all of their exhibits. | 8s. | 7s. | 6s. | 5s. | 4s. | 3s. |
|-----|---|-----|-----|-----|-----|-----|-----|

Class

No.

46. Prizes of 5s. and 3s. will be awarded to Seedlings, if worthy, in each of the classes of Carnations and Picotees, including in the latter the Yellow Grounds. The blooms to be dressed and shown upon cards.
47. Certificates will be awarded to Seedlings, if of sufficient merit, that have bloomed at least the second year; not less than Two Blooms of a variety must be shown. One notice in writing must be previously given to the Secretary of an Exhibitor's intention to submit a variety for Certificate.

CARNATIONS OR PICOTEEES IN POTS.

46. 12 specimens, dissimilar (from any Class or Classes, including Tree Carnations), in pots not exceeding 8½ inches in diameter. 30s. 20s. 10s.

SINGLE SPECIMEN.

49. Pot not to exceed 8½ inches in diameter. Exhibitors can stage one pot only. 5s. 3s. 2s.

The object of the Prizes in Classes 46 and 49 is to develop excellence as decorative subjects, and the judges will be instructed to award the Prizes for cultural excellence, and a liberal head of flowers, which may not be shown on cards. The plants may have been lifted from the open ground, and the pots may contain one or more plants, at the discretion of the Exhibitor.

GROUPS.

50. Groups of Carnation Plants, arranged in an area of 50 square feet. Quality of the blooms to be taken into account as well as tasteful arrangement. 80s. 60s. 40s.
51. Group of Carnation Plants, as in Class 48, to be arranged in a space to occupy 80 square feet. 40s. 30s. 20s.

Exhibitors in Class 48 cannot compete in Class 49.

Two Bouquets.

52. Bride's and Bridesmaid's Bouquet (one of each). The flowers to consist entirely of Carnation or Picotee Blooms, or both together. Any foliage or fronds may be used. 20s. 15s. 10s. 5s.

VASES.

53. Vase of Carnations or Picotees or both together. 15s. 12s. 10s. 8s.

The term Vase may be taken to signify centre piece on one base with or without branches, at the option of the Exhibitor.

SPRAYS.

54. 3 Sprays of Carnation or Picotee blooms, not to exceed 12 inches in length. 10s. 8s. 6s. 4s.

BUTTON HOLES.

55. 6 Button Holes, Carnation or Picotee. 5s. 4s. 3s. 2s.

Carnation Foliage, Fronds or Ferns, or other light foliage to be used in Classes 52, 53, 54 and 55.

WILL EXHIBITORS KINDLY NOTE CONDITION No. 5.

(See page 104).

MOST IMPORTANT.

To secure the publication of the names of the winning flowers, Exhibitors are requested to fill in the names upon forms which will be supplied to them at the New Hall, at the time they apply for their Cards. The Hon. Secretary, or such person as he may appoint, will collect the forms at the conclusion of the Exhibition. *It is imperative that these forms be filled in.*

LIST OF YELLOW GROUND PICOTEEES.

The following varieties can only be shown in the Classes for Yellow Ground Picotees. If shown in any Class as Fancies, the Exhibit will be disqualified.

| | | |
|------------------------|-----------------|----------------------|
| Abbot | Edna May | Lucy Glitters |
| Agnes Chambers | Effie Deans | Mazarin |
| Alberta | Eurydice | Mrs. C. H. Herbert |
| Alcinous | Empress Eugenie | Mr. Nigel |
| Aldeboran | Erasmus | Mrs. Douglas |
| Alecto | Evelyn | Mrs. Durant |
| Anchor | Fenella | Mrs. Gooden |
| Apollo | Florrie Henwood | Mrs. Henwood |
| Artisan | Frobisher | Mrs. Robert Sydenham |
| Aurora | Galatea | Miss Alice Mills |
| Bachelor | Gertrude | Miss Violet |
| Badminton | Glee Maiden | Mobican |
| Badoura | Gronow | Nora Creina |
| Borderer | Heather Bell | Onda |
| Caracci | His Excellency | Othello |
| Childe Harold | Heliodorus | Professor |
| Cowslip | Horatio | Queen Boadicea |
| Countess of Strathmore | Hygeia | Rabelais |
| Countess of Verulam | Hesperia | Rachel |
| Countess of Jersey | Kate Coventry | Rosalind |
| Daniel Defoe | Ladas | Theodoric |
| Day Dream | Lady Sophie | The Pilgrim |
| Diana | Lilian | Turenne |
| Dinorah | Lady St. Oswald | Wanderer |
| Diomedes | Lauren | |
| Edith | Lord Napier | |

LIST OF YELLOW OR BUFF GROUND FANCIES.

The following varieties can only be shown in the Classes for Yellow or Buff Ground Fancies. If shown as Picotees the Exhibit will be disqualified.

| | | |
|---------------|-------------------|-------------------|
| Almira | Falca | Oakeley |
| Amphion | Fashion | Oberon |
| Annie Douglas | Golden Eagle | Ormonde |
| Aglaia | Galileo | Pamila |
| Alexandra | Harlequin | President Carnot |
| Argosy | Helios | Primrose Day |
| Boecklin | Henry Falkland | Primrose League |
| Cecil Rhodes | Hogarth | Rayon D'Or |
| Chas. Martel | John Walker | Stadtrath Bail |
| Cing Mars | Lady Bristol | Stanley Wrightson |
| Cockatrice | Madame Van Houtte | The Gift |
| Corisande | Launce | Vashti |
| Dervish | May Queen | Virgo |
| Don Carlos | Mrs. Alfred Tate | Voltaire |
| Duke of Alva | Mrs. C. Baring | Volage |
| Eclair | Mrs. Booth | Xerxes |
| Eldorado | Mrs. Dranfield | Yellow Hammer |
| Euryalus | Mrs. Tremayne | |

The Exhibition will close at 6 p.m., at which hour
Flowers may be removed, **BUT NOT BEFORE.**

TUESDAY, AUGUST 9th (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*
3. Collection of Cactaceous Plants. *Amateurs..Prize, Silver Flora Medal.*
For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Lecture and Election of Fellows.
- 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, AUGUST 23rd (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, SEPTEMBER 6th (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, SEPTEMBER 20th (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... Certificates.*

MEETINGS.

- 11.30 a.m. National Dahlia Society's Committee meets for the purpose of awarding Certificates to Seedling Dahlias. Entries must be made to the Hon. Secretary, N.D.S., at the R.H.S. Office, Vincent Square, before 11.15 a.m.
- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.

Also on September 20th,
GREAT AUTUMN ROSE SHOW,
 in conjunction with the National Rose Society.

CLASS.

DESCRIPTION.

NURSERYMEN.

GENERAL SECTION.

1. 36 blooms, distinct varieties

TEA AND NOISETTE SECTION.

2. 18 blooms, distinct varieties

EXHIBITION ROSES IN VASES.

The Vases used in this Section must rest on the staging itself, and not be raised above it; and the flowers must be equally distributed round each vase, and not be arranged to face only one way. In Class 3 vases of different sizes may be used. Only Roses mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses are to be included. The quality of the blooms will be the first consideration with the Judges. In judging Class 3 each set of blooms will be counted as a unit, and not as seven separate blooms.

3. 12 distinct varieties, seven blooms of each (space occupied by exhibit not to exceed 6 ft. by 3 ft.) Exhibits to be staged in twelve vases.
4. 12 blooms of any Rose, to be shown in a single vase..

SECTION FOR GARDEN OR DECORATIVE ROSES.

5. 36 distinct varieties, not less than three trusses of each (space occupied by exhibit not to exceed 8 ft. by 5 ft.)

N.B.—Exhibits in Class 5 should be arranged so as to show, as far as possible, the foliage and habit of growth of each variety, and may be staged in vases, boxes, or other receptacles. Each variety to be in a separate receptacle. All Hybrid Perpetuals, Hybrid Teas, and Teas and Noisettes mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses are to be excluded. All the stems must reach the water.

GROUP OF ROSES.

6. A representative group of Roses placed on the floor (inverted pots, &c., may be used as usual for elevating separate plants) in a space not exceeding 50 square feet—in pots, or cut flowers in plain glasses, vases, or jars, and not in exhibition boxes. Ferns, palms, grasses, &c., in pots may be used as edging and background, and rose foliage may be inserted with the cut blooms.

Medals and Silver Cups at the discretion of the Council, on the recommendation of the judges.

| CLASS. | DESCRIPTION. | First | Second | Third |
|--------|--------------|--------|--------|--------|
| | | Prize. | Prize. | Prize. |
| | | £ s. | £ s. | £ s. |

OPEN.

NEW SEEDLING ROSES.

7. *Not less than 3 trusses of any new Seedling Rose or distinct Sport (*either not yet in commerce or not first distributed earlier than November, 1903; a ground plant of the variety also must be shown*). It must be stated by the exhibitor to what class he considers the Rose to belong, whether H.P., H.T., T., &c. .. Gold Medal or Card of Commendation.
8. *a* A bowl of China or Hybrid China Roses arranged with China Rose foliage only, but small buds may be left on the added foliage. The bowls, which will be 9 in. high by 9 in. across the top (inside measurement) will be provided by the N.R.S. The bowls must rest on the staging itself, and not be raised above it. Regulations 6 and 8 do not apply to this Class

PIECE OF
PLATE. 2 2 1 0

NOTE.—In Class 8 the style and arrangement will be the first consideration with the Judges.

AMATEURS.

GENERAL SECTION.

- | | | | | |
|-----|---|------|------|------|
| 9. | 18 blooms, distinct varieties (<i>open to all Amateurs irrespective of the number of plants they grow</i>) | 1 10 | 1 0 | 0 10 |
| 10. | 12 blooms, distinct varieties (<i>open only to growers of less than 2,000 plants of varieties in the N.R.S.'s Catalogue of EXHIBITION Roses, including Tea and Noisettes</i>) | 1 0 | 0 15 | 0 7 |
| 11. | 9 blooms, distinct varieties (<i>open only to growers of less than 1,000 plants of varieties in the N.R.S.'s Catalogue of EXHIBITION Roses, including Teas and Noisettes</i>) | 1 0 | 0 10 | 0 5 |
| 12. | 6 blooms, distinct varieties (<i>open only to growers of less than 500 plants, of varieties in the N.R.S.'s Catalogue of EXHIBITION Roses, including Teas and Noisettes</i>) | 0 10 | 0 7 | 0 5 |

TEA AND NOISETTE SECTION.

- | | | | | |
|-----|--|------|------|-----|
| 13. | 12 blooms, distinct varieties (<i>open to all Amateurs irrespective of the number of plants they grow</i>) | 1 0 | 0 15 | 0 7 |
| 14. | 9 blooms, distinct varieties (<i>open only to growers of less than 500 plants of Teas and Noisettes in the N.R.S.'s Catalogue of EXHIBITION Roses</i>) | 1 0 | 0 10 | 0 5 |
| 15. | 6 blooms, distinct varieties (<i>open only to growers of less than 200 plants of Teas and Noisettes in the N.R.S.'s Catalogue of EXHIBITION Roses</i>) | 0 10 | 0 7 | 0 5 |

| CLASS. | DESCRIPTION. | First Prize. | Second Prize. | Third Prize. |
|--------|--------------|--------------|---------------|--------------|
| | | £ s. | £ s. | £ s. |

EXHIBITION ROSES IN VASES.

The vases used in this Section must rest on the staging itself and not be raised above it, and the flowers must be equally distributed round each vase, and not be arranged to face only one way. Vases of different sizes may be used. Only Roses mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses are to be included. The quality of the blooms will be the first consideration with the Judges. In judging, each set of blooms will be counted as a unit, and not as five separate blooms.

- | | | |
|-----|---|--------------|
| 16. | 6 distinct varieties (to include not more than two varieties of Teas or Noisettes), five blooms of each (space occupied by exhibit not to exceed 4 ft. by 3 ft.) Exhibits to be staged in six vases | 1 0 0 15 0 7 |
| 17. | 4 distinct varieties of Teas and Noisettes, five blooms of each (space occupied by exhibit not to exceed 3 ft. by 3 ft.) Exhibits to be staged in four vases | 1 0 0 10 0 5 |

DECORATIVE SECTION.—For Ladies Only.

Open only to Lady Amateurs who are either Subscribers to the National Rose Society or to the Royal Horticultural Society, or are members of the family of an Amateur Subscriber. Regulations 6 and 8 do not apply to these Classes,

- | | | |
|-----|--|--------------|
| 18. | A bowl of Cut Roses, lightly arranged with Rose foliage only, but small buds may be left on the added foliage. The bowls, which will be 8-in. high by 7-in. across the top (inside measurement) will be provided by the N.R.S. The bowls must rest on the staging itself, and not be raised above it | 1 0 0 10 0 5 |
| 19. | A basket of Cut Roses, lightly arranged with any cut foliage, ferns, or grasses. No ribbons must be used | 1 0 0 10 0 5 |

NOTE.—In Classes 18 and 19 the style and arrangement will be the first consideration with the Judges.

SECTION FOR "GARDEN" OR DECORATIVE ROSES.

Exhibits in this Section should be arranged so as to show as far as possible the foliage and habit of growth of each variety, and must be staged in vases. Each variety to be in a separate

| CLASS. | DESCRIPTION. | First | Second | Third |
|--------|--------------|--------|--------|--------|
| | | Prize. | Prize. | Prize. |
| | | £ s. | £ s. | £ s. |

SECTION FOR "GARDEN" OR DECORATIVE ROSES—

Continued.

vase. All Hybrid Perpetuals, Hybrid Teas, and Teas and Noisettes mentioned in the N.R.S.'s Catalogue of EXHIBITION Roses are to be excluded. All the stems must reach the water.

- | | | | | | | | | | | | | |
|---|-----|--|----|----|----|----|---|---|---|----|---|---|
| { | 20. | 12 distinct varieties, not less than three trusses of each (<i>space occupied by exhibit not to exceed 6 ft. by 3 ft.</i>) | .. | .. | .. | .. | 1 | 0 | 0 | 15 | 0 | 7 |
| | 21. | 6 distinct varieties, not less than three trusses of each (<i>space occupied by exhibit not to exceed 3 ft. by 3 ft.</i>) | .. | .. | .. | .. | 1 | 0 | 0 | 10 | 0 | 5 |

BEST BLOOMS.

Six of the Society's Silver Medals will be awarded. NURSERYMEN—One for the best Rose other than H. T., T., or N.; one for the best Hybrid Tea; and one for the best Tea or Noisette. AMATEURS—One for the best Rose other than H. T., T., or N.; one for the best Hybrid Tea; and one for the best Tea or Noisette.

* No Rose which has won a Gold Medal at any previous Exhibition of the National Rose Society may compete in Class 7. It is left to the discretion of the Judges to award more than one Gold Medal or Commendation Card in this Class. The award of a Commendation Card at this Show will not disqualify any variety receiving it from competing for a Gold Medal at any subsequent Show of the Society, if not previously distributed.

α In Class 8, the First Prize will be a Piece of Plate, value Three Guineas, presented by E. T. Cook, Esq., Editor of "The Garden." The Second Prize of Two Guineas in this Class is presented by "A well-wisher of the Society."

**TUESDAY, WEDNESDAY and THURSDAY,
OCT. 4th, 5th, and 6th, 1904.**

The Society will hold a **GREAT EXHIBITION of
BRITISH-GROWN FRUITS in NEW HALL, VINCENT
SQUARE, S.W.**

A Special Schedule of Prizes will be published on April 2nd, 1904, provided that £500 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, 117, Victoria Street.

TUESDAY, OCTOBER 18th (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture and Election of Fellows.
4 p.m. Scientific Committee Meeting, Vincent Square.

TUESDAY, NOVEMBER 1st, (Vincent Square).

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open Certificates*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Lecture and Election of Fellows.
4 p.m. Scientific Committee Meeting, Vincent Square.

TUESDAY, NOVEMBER 15th (Vincent Square).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, NOVEMBER 29th (Vincent Square).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, DECEMBER 13th (Vincent Square).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.

1905.

TUESDAY, JANUARY 3rd (Vincent Square).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Election of New Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

TUESDAY, JANUARY 24th (Vincent Square).**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Lecture and Election of New Fellows.
 4 p.m. Scientific Committee Meeting, Vincent Square.
-

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE HALL.

| | | | | | | |
|--------------|---|------------|--|---------------|---|------------|
| January 5th | } | 4 o'clock. | | October 18th | } | 4 o'clock. |
| " 26th | | | | November 1st | | |
| February 9th | | | | " 15th | | |
| " 23rd | | | | " 29th | | |
| July 26th | | 6 o'clock. | | December 13th | | |
| | | | | January 3rd | | |
| | | | | " 24th | | |

All other days, at the Hall, except the above, 5 o'clock.

No exhibits to be removed before the hours above mentioned.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE HALL.

See pages 63 et seq.

(For Special Regulations for Temple and Holland House Show, see p.p. 72, 73.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c." *See p. 44.*

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., 117, Victoria Street, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, *see p. 54 et seq.*

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bona fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons* (except such as may be officially retained by the Society) *must retire at 12 noon*, at which hour the Judges will proceed to make the awards. For Temple and Holland House Shows, *see pp. 71 and 77.*

IX. No Exhibitor may compete in two similar Classes, differing *only* in the number of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. All specimens must be the *bona fide* property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

NOTE.—For special regulations applying only to the Auricula, Rose and Carnation Shows—*see pp. 100, 101, 104.*

A Special Schedule will be issued in April for the Fruit Show, on October 4th, 5th and 6th.

CONDITIONS FOR EXHIBITORS
AT THE
AURICULA AND PRIMULA SHOW,
TUESDAY, APRIL 19th, IN THE DRILL HALL.

(For List of Prizes *See* page 67.)

1. The prizes are open to Members of the National Auricula and Primula Society and to Fellows of the Royal Horticultural Society only.

2. An Exhibitor can win one Prize only in each Class, except in the Classes for Seedlings, in which there is no limit, and in Single Specimens he may not exhibit more than two in each class, but may win with both exhibits.

3. Notice of entry must be given to Mr. T. E. HENWOOD, Auricula Villa, Hamilton Road, Reading, and of the Classes proposed to be shown in, at least *four clear days* before the day of show.

4. The Plants must be in the Drill Hall, Buckingham Gate, Westminster, and ready for the Judges at 11.30 a.m., and may be removed after 5 p.m. Exhibitors are requested to apply for their cards immediately upon their arrival at the place of Exhibition.

5. All Exhibits must be legibly named. It is recommended that the trusses be supported with neat sticks. Green moss will be provided to cover the soil, and pots for those who may bring their plants without.

6. Exhibitors in Class 1 may also compete in Class 2, but not in 3 or 4. Exhibitors in Class 2 may also compete in 3 or 4, but not in both. Two only of the Classes 2, 3, 4. Exhibitors may compete in two only of Classes 15, 16, 17. Those who compete in Class 25 cannot do so in Class 26.

7. In addition to the legible naming required by the 5th condition, Exhibitors in this Class are invited to give the native country of species.

8. At the time when the Judges commence their work, all persons present, save the officers and their assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bonâ fide* property of the Exhibitor or his employer at least two months previous to the date of the Exhibition.

10. Seedlings, whether exhibited in Collections or not, are eligible for Certificates, due notice having been previously given in writing to Mr. HENWOOD. Each plant must have the entry card correctly placed with it.

REGULATIONS TO BE OBSERVED BY EXHIBITORS

OF

ROSES, ON SEPTEMBER 20TH.

See R.H.S. 1899 "Code of Rules for Judging, &c." which may be obtained, post free, 1s. 6d., from the R.H.S. Office, 117, Victoria Street, S.W.

I.

Exhibitors must give notice in writing of the Classes in which they intend to exhibit to the Hon. Secretary, National Rose Society, Royal Horticultural Society's Office, Vincent Square, S.W., on or before **Thursday, September 15th.**

II.

Where Classes are BRACKETED together Exhibitors can only ENTER in one of those Classes.

III.

Exhibitors will receive on the morning of the Exhibition, **September 20th**, cards numbered in order to distinguish their exhibits. These cards must be placed on or in front of the stands previous to their being examined by the Judges.

IV.

Everything must be ready for the Judges by **Half-past Eleven.**
(See also Regulation XVI.)

V.

No Exhibitor can take more than one prize in any Class, nor may two or more persons exhibit from the same garden, nursery, or plant-house.

VI.

All Roses exhibited in competition must be from plants which have been grown by, and have been the exclusive property of, the Exhibitor for at least three months before the date of this Exhibition.

VII.

No New Roses shall be exhibited in competition in any Class except :
1. Varieties which are already in commerce, or are already advertised for distribution in the Autumn of 1904. 2. Varieties which are exhibited with a distinctive name, together with the name of the introducer or raiser. The names of such varieties to be retained as their future distinctive appellation.

VIII.

All Roses must be exhibited as cut from the plants. Artificial aid of any and every kind is strictly prohibited, with the exception of wire or other supports, which are only to be used to keep the blooms erect. A bloom left tied shall not receive any point from the judges. The dressing of Rose blooms so as to alter their character is prohibited. A bloom so dressed will be counted as a bad bloom. The insertion of any additional foliage will disqualify the stand. All Roses should be correctly named.

IX,

The following Roses which are bracketed together are considered synonymous, and must not be shown in the same stand; for instance, Grand Mogul must not be shown in the same stand as Jean Soupert :—

HYBRID PERPETUALS AND HYBRID TEAS.

| | | |
|-------------------------|-------------------------|---------------------------|
| { Alfred Colomb. | { Duke of Wellington. | { La Rosière. |
| { Marshall P. Wilder, | { Rosiériste Jacobs. | { Prince Camille de Rohan |
| { Wilhelm Koelle. | { Eugénie Verdier. | { Lady Mary Fitzwilliam. |
| { Charles Lefebvre. | { Marie Finger. | { Lady Alice. |
| { Marguerite Brassac. | { Exposition de Brie. | { Madame A. Lavallée. |
| { Paul Jamain. | { Ferdinand de Lesseps. | { Marie Baumann. |
| { Comtesse de Choiseul. | { Maurice Bernardin. | { Mrs. Harkness. |
| { Marie Rady. | { Sir Garnet Wolseley. | { Paul's Early Blush. |
| { Duc de Rohan. | { Grand Mogul. | |
| { Mrs. Jowitt.} | { Jean Soupert. | |

TEAS AND NOISETTES.

| | |
|---------------------|----------------------------|
| { Alba Rosea. | { Souvenir de S.A. Prince. |
| { Josephine Malton. | { The Queen. |
| { Madame Bravy. | |
| { Madame de Sertot. | |

The Climbing variety of any Rose cannot be shown in the same stand with it; for instance, Climbing Devoniensis cannot be shown in the same stand with Devoniensis.

N.B —In bracketing varieties together, foliage and habit of growth are not taken into consideration.

X.

Under exceptional circumstances, any three Members of the Committee of the National Rose Society have the power, either before or after the decision of the Judges has been given, to declare any exhibit disqualified, and their decision will be final; but the question of duplicates shall not be reopened after the Judges have once given their award.

XI.

Subject to Regulation X., the decision of the Judges will be final, and they will have the power of withholding prizes, should the exhibits be considered unworthy.

XII.

None but members of the National Rose Society or Fellows of the Royal Horticultural Society may compete at this Exhibition; except in Classes 18 and 19, where the members of the family of an Amateur Subscriber are also entitled to exhibit.

XIII.

No person shall be allowed to compete as an Amateur who sells Rose-plants (except when giving up possession of the place where they grow, and in the case of New Seedlings or Sports), Rose-blossoms, or Buds for Budding, nor any person in the employ of a Nurseryman. Any objection raised as to the rightful qualification of an Exhibitor shall be referred to the Committee for arbitration, and their decision shall be final and binding on both parties.

XIV.

Hybrid Teas are regarded as Hybrid Perpetuals in competition, unless specially excluded by the Schedule, and may not be shown in the classes for Teas and Noisettes.

XV.

Amateur Exhibitors are required to show according to the number of Plants grown by them of varieties in the National Rose Society's Catalogue of Exhibition Roses, except in the Section for Garden or Decorative Roses.

XVI.

All boxes must be on the stages where they are to be judged, and all the lids removed, fifteen minutes before the time appointed for judging. Failing compliance with this Regulation any Steward of the Show may remove such lids.

XVII.

All blooms exhibited (except where specially directed in the Schedule to be shown in vases or other receptacles) must be staged in boxes of the regulation size, viz., 4-in. high in front and 18-in. wide, and of the following lengths, all outside measurements :—For 24 blooms 3-ft. 6-in. long, for 18 blooms 2-ft. 9-in. long, for 12 blooms 2-ft. long, for 9 blooms 1-ft. 6-in. long, and for 6 blooms 1-ft. long.

EDWARD MAWLEY, *Hon. Secretary.*

NOTE.—Special attention is directed to the word ENTER in Regulation II., and also to Regulation IV., which will be rigidly enforced.

ADMISSION TICKETS AND TIME OF CLOSING.

The National Rose Society will issue SPECIAL TICKETS for this Exhibition. The Exhibition will close at Five o'clock, at which hour the boxes may be removed.

TELEGRAMS.—Exhibitors who have entered, but find they cannot exhibit, are requested to send a Telegram to that effect the day before the Exhibition, addressed “Roses, Hortensia, London.”

Entries close Thursday, September 15th.

CONDITIONS FOR EXHIBITORS
AT THE
CARNATION AND PICOTEE SHOW
TUESDAY, JULY 26th, 1904.

1. The Prizes are open to Members of the National Carnation and Picotee Society only.

2. All Blooms to be shown on Cards, except where otherwise stated. Exhibits must be legibly named. *Triplicates may not be shown in Classes 1, 2, 3, 4 and 5.*

3. An Exhibitor can win one prize only in each class, except for Seedlings, and in single specimens he may not exhibit more than two in each division of colour in Classes 11, 12, 13, and 14, but may win with both exhibits.

4. Yellow Ground Picotees. In these classes the flowers must possess a pure yellow ground with a marginal colour. Fancies not admissible. The judges are instructed to award these prizes upon the same lines as for the white ground Picotees; the same standard of excellence to apply to the yellow as to the white grounds. These conditions will be strictly adhered to.

5. Notice of Entry must be given to Mr. Wright, Superintendent of R.H.S. Gardens, Wisley, Ripley, Surrey, and of the Classes proposed to be shown in at least FIVE CLEAR DAYS before the day of the Show.

6. The Exhibits must be ready for the judges at 11 a.m. This rule will be strictly enforced. No deviation can possibly be allowed. Exhibitors are requested to apply for their cards immediately after their arrival at the place of Exhibition.

7. To obtain uniformity, it is urged that the Collections be shown in each case in boxes, of which, for twelves, the following are the dimensions, viz.:—Three rows of four each, from centre to centre, $3\frac{3}{4}$ inches; from centre to outside, $2\frac{1}{4}$ inches; outside length, $15\frac{3}{4}$ inches; width, 12 inches; depth, $4\frac{1}{2}$ inches; to be painted Green. The collections of sixes should be in three rows of two each, with the flowers at the same distance from centre to centre and centre to outside as in the collection of twelves. The collections of the twenty-fours may be composed of two boxes of twelves, making three rows of eight in each row, or in one box, as may be convenient to the Exhibitor; but the same spaces should exist between the flowers.

8. At the time when the Judges commence their work, all persons present, save the Officers and their Assistants, must retire from the Exhibition. The decision of the Judges shall be final.

9. All Plants and Flowers shown in the Schedule Classes must have been the *bona-fide* property of the Exhibitor or his employer at least two months previous to the date of Exhibition.

10. Seedlings that have bloomed at least the Second Year, whether exhibited in Collections or not, are eligible for Certificates. Not less than Two Blooms of a variety must be shown. Due notice in writing must be previously given to the Secretary of an Exhibitor's intention to submit a variety for Certificate.

11. The Judges to be empowered to withhold any prize if, in their opinion, the Exhibit is not worthy of such prize.

NOTE.—An ample supply of bottles will be provided for cut flowers in all classes.

1905.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

THE
ROYAL HORTICULTURAL SOCIETY,

VINCENT SQUARE, WESTMINSTER, S.W.

PATRONS.

His Gracious Majesty the King.

Her Gracious Majesty Queen Alexandra.

ARRANGEMENTS

FOR THE YEAR

—✂— **1905.** —✂—

Telegrams: "HORTENSIA, LONDON."

Telephone;—No. 5363 WESTMINSTER.



LONDON

PRINTED FOR THE ROYAL HORTICULTURAL SOCIETY.

BY

SMITH AND EBBES LIMITED, NORTHUMBERLAND ALLEY, FENCHURCH STREET, E.C.

Index to Advertisements.—Advt. page xxxiv

POTATOES that have Stood the Test of Time.

SHARPE'S VICTOR.

Award of Merit, R.H.S., 1900.

THE EARLIEST OF ALL POTATOES.—For cultivation in frames, pots, and early borders. The flesh is of a beautiful creamy yellow, dry and mealy when cooked. It has a very short top, is a flattened roundish oval in shape, with a beautiful clear skin and extremely shallow eyes. An important grower says—"Out of 50 sorts I have selected three as the best—Victor is one of these, and the only early kind." **There are many bad stocks about, and buyers should order direct from us to ensure getting the correct variety.**

SHARPE'S EXPRESS.

A White-fleshed Kidney, nearly as early as Sharpe's Victor. Very heavy cropper, and a splendid user—flesh very firm. Haulm resembles the old Ashleaf Variety. **Has distinguished itself as a perfect disease-resisting variety.**

Award of Merit, R.H.S., August 13, 1901, after test for cooking.

Growers for market will find this variety the best first-early for field cultivation. It has almost superseded Myatts in the great Potato-growing districts of Lincolnshire.

SHARPE'S EARLY PETER.

Award of Merit, R.H.S., July 25, 1899, Confirmed 1900.

The R.H.S. say of this new Potato—"Flatish Kidney, white, with russety skin, eyes full, medium size, very heavy crop, free from disease, moderate haulm; early or mid-season."

WHOLESALE FROM—

CHARLES SHARPE & CO., Ltd., SLEAFORD.



ARRANGEMENTS of the
ROYAL HORTICULTURAL SOCIETY
for the Year 1905;

together with Notices to the Fellows,

issued by direction of the President and Council.

With this are included Particulars of the Society's

Fortnightly Meetings, Lectures and Shows,

The Royal Horticultural Hall,

The Gardens at Wisley,

The Committees,

The Journal, Examinations, Library and

Other work of the Society.

Published by the Council at the Society's Office in Vincent
Square in the City of Westminster.

Price, One Shilling.

TABLE OF CONTENTS.

| | PAGE |
|---|--------|
| GENERAL NOTES ON THE SOCIETY | 4 |
| LIST OF MEETINGS, LECTURES, AND SHOWS, 1905 ... | 8 & 68 |
| ELECTION AND PRIVILEGES OF FELLOWS | 9 |
| COMMUTATION OF SUBSCRIPTIONS | 9 |
| CHEMICAL ANALYSIS PRIVILEGES | 10 |
| AFFILIATION OF LOCAL SOCIETIES | 17 |
| COTTAGE GARDEN SOCIETIES' MEDAL | 19 |
| EXAMINATIONS IN HORTICULTURE | 20 |
| WISLEY GARDENS, AND HOW TO GET THERE | 28 |
| STUDENTS AT WISLEY | 33 |
| THE JOURNAL OF THE SOCIETY | 36 |
| THE ROYAL HORTICULTURAL HALL | 44 |
| CONDITIONS FOR HIRING THE HALL | 45 |
| THE LINDLEY LIBRARY | 49 |
| SCIENTIFIC COMMITTEE | 51 |
| FRUIT AND VEGETABLE COMMITTEE | 53 |
| FLORAL COMMITTEE | 54 |
| ORCHID COMMITTEE | 55 |
| NARCISSUS AND TULIP COMMITTEE | 56 |
| REGULATIONS FOR COMMITTEES AND EXHIBITORS... | 57 |
| THE VEITCHIAN SILVER GILT CUP... .. | 62 |
| THE SHERWOOD SILVER CUP | 64 |
| NOTICES TO EXHIBITORS | 65 |
| SHOW OF COLONIAL FRUIT | 70 |
| AURICULA AND PRIMULA SHOW | 72 |
| TULIP SOCIETY'S SHOW | 73 |
| TEMPLE SHOW, 1905, RULES FOR | 74 |
| SWEET PEA SHOW | 79 |
| CARNATION SOCIETY'S SHOW... .. | 80 |
| GREAT AUTUMN ROSE SHOW | 82 |
| BRITISH FRUIT SHOW | 82 |
| VEGETABLE SHOW | 82 |
| RULES FOR COMPETING FOR PRIZES | 85 |
| FORM FOR PROPOSING NEW FELLOWS | 86 |
| ADVERTISEMENTS. | |

COUNCIL AND OFFICERS

OF THE

ROYAL HORTICULTURAL SOCIETY.

Patrons.

HIS MOST GRACIOUS MAJESTY THE KING.
HER MOST GRACIOUS MAJESTY QUEEN ALEXANDRA.

President.

SIR TREVOR LAWRENCE, BART., K.C.V.O., V.M.H.

Vice-Presidents.

| | |
|--|---|
| The Right Hon. JOSEPH CHAMBERLAIN, M.P. The Right Hon. The EARL OF DUCIE. The Right Hon. LORD ROTHSCHILD. | Sir JOHN LLEWELYN, Bart., D.L., F.R.S., F.L.S. Sir FREDERICK WIGAN, Bart. |
|--|---|

Treasurer.

J. GURNEY FOWLER.

Council.

| | |
|---|---|
| W. A. BILNEY. The Hon. JOHN BOSCAWEN. GEORGE BUNYARD, V.M.H. Capt. G. L. HOLFORD, C.I.E., C.V.O. JAMES HUDSON, V.M.H. The Rt. Hon. The EARL OF ILCHESTER. WILLIAM MARSHALL. | HENRY B. MAY. ALFRED H. PEARSON. Sir ALBERT ROLLIT, M.P. Baron Sir H. SCHRÖDER, Bart., V.M.H. HARRY J. VEITCH, F.L.S. ARTHUR L. WIGAN. |
|---|---|

Professor of Botany.

Rev. Prof. HENSLOW, M.A., V.M.H.

Consulting Chemist.

Dr. J. AUG. VOELCKER, M.A.

Foreign Corresponding Secretary.

MAXWELL T. MASTERS, M.D., F.R.S.

Auditor.

ALFRED C. HARPER, Chartered Accountant.

Secretary.

Rev. W. WILKS, M.A.

Chief Cashier.

FRANK READER.

Assistant Secretary.

TOM E. SEDGWICK.

Garden Foremen.

THOMAS FRAZER. E. J. QUANTON.

Clerks.

H. R. HUTCHINSON. W. H. PLOWMAN.
JOSEPH MILES. G. A. WILLIAMS.

Superintendent.

S. T. WRIGHT.

Solicitors.

Messrs. GARRARD, JAMES & WOLFE.

Bankers.

THE LONDON AND COUNTY BANK (Westminster Branch).

THE OFFICES of the Society are in Vincent Square, Westminster, S.W.

Telegraphic Address: "HORTENSIA, LONDON."

1905-1906.

THE ROYAL HORTICULTURAL SOCIETY.

ESTABLISHED

A.D. 1804.



INCORPORATED

A.D. 1809.

VINCENT SQUARE, WESTMINSTER, S.W.

TELEGRAMS:—"HORTENSIA, LONDON."

TELEPHONE:—No. 5363 WESTMINSTER.

 ESTABLISHMENT.

1. THE SOCIETY was established on March 7th, 1804, "to collect every information respecting the culture and treatment of all plants and trees, as well culinary as ornamental;" and "to foster and encourage every branch of Horticulture," and these objects were summarised in the Royal Charter of April 17th, 1809, as "the improvement of Horticulture, ornamental as well as useful." The efforts of the Society have been constantly directed to these comprehensive objects, which it has sought to attain by Exhibitions and Experimental Gardens, the Importation and Distribution of Plants, Publications, Conferences and Lectures, Committees of Enquiry, a Library, the holding of Examinations, and in many other ways too numerous to mention, with the result that British Horticulture stands pre-eminent, and our gardens are now cultivated and filled with beautiful plants throughout the year, in a way that a hundred

DEVELOPMENT.

2. From the earliest years of its existence the Society has ranked as one of the Learned Societies of Europe, and since its revival in 1887 its membership has so rapidly increased that there are now over 8,000 Fellows, Honorary and Corresponding Members and Associates belonging to it. There are also 200 Provincial and Colonial Horticultural Societies affiliated with it, and these figures may be taken as a proof of the value which the Fellows and others attach to the many Privileges they enjoy, which probably exceed those of any other Society, not only in number but also in intrinsic value. (*See page 9.*)

THE GARDENS AT WISLEY.

3. THE GARDENS are situated at Wisley, in Surrey, about $3\frac{1}{2}$ miles from Horsley, and $5\frac{1}{2}$ from Weybridge (L. & S. W. Rly), with frequent trains to both stations from Waterloo and Clapham Junction. (*See pages 31, 32.*) They are devoted to the culture of Fruits, Vegetables, stove, greenhouse, and especially hardy Flowers and Plants, Trees, Shrubs, &c. Experiments and trials are made in connection with new and rare varieties of trees, shrubs, fruits, flowers, or vegetables, and the results are published in the Society's *Journal*.

4. The Gardens at present include the wild and water gardens planted by the late Mr. G. F. Wilson, F.R.S., Experimental and Trial Grounds, a large collection of Fruit Trees and bushes, a series of Glass Houses, and a Meteorological Station. Here all the work formerly conducted at Chiswick (1822-1904) will be continued and still further developed, and as funds and opportunity allow, a Horticultural Research Station and an Arboretum will be added. Students also are being trained as before in all

MEETINGS AND SHOWS.

5. THE FORTNIGHTLY MEETINGS AND SHOWS are held on alternate Tuesdays* throughout the year, in the Royal Horticultural Hall, which was erected in 1904 as the permanent memorial of the Society's Centenary. Plants, Flowers, Fruits and Vegetables may be exhibited, and Medals and Certificates are awarded by the Council on the recommendation of the Fruit, Floral, Orchid and other Committees. (See page 57.) Fellows of the Society are admitted free, at 1 o'clock, and the Public at 2 o'clock on payment of 2s. 6d. A reminder of the Meetings is sent to all Fellows who send to the office each year 26 stamped Post-cards *fully addressed* to themselves.

LECTURES.

6. LECTURES are delivered at most of the Meetings on some subject of Horticultural interest. They are of a short popular nature, and are frequently illustrated with lantern slides, diagrams and specimens, and are subsequently published in the Society's *Journal*. Fellows willing to give Lectures are requested to communicate with the Secretary. (See page 8.)

THE JOURNAL.

7. THE JOURNAL, published from 1845 to the present time, is the direct outcome of the *Transactions* and the *Proceedings*, the publication of which had been a main feature of the Society's operations since 1807. The *Journal* is regularly forwarded post free to all subscribing Fellows (and to such Honorary and Life Fellows as make written application for it). It contains an account of the Meetings, together with the results of the Trials, &c., at the Society's Gardens. In it also are published the Lectures on Gardening, the Reports of the meetings of the Scientific, Fruit, Floral, Orchid, and Narcissus Committees, and the awards of Medals and Certificates made by the Council on the recommendation of the Committees, to any new plants, &c., which may have been brought before them. It is full of most valuable information derived from actual experience, and is always found to be of very great interest to all lovers of Gardens. (See pages 36-43.)

INSPECTION OF FELLOWS' GARDENS.

8. THE INSPECTION OF GARDENS belonging to Fellows is conducted by a thoroughly competent Inspector from the Society, who reports and advises at the following cost, viz.:—a Fee of £2 2s. for one day (or £3 3s. for two consecutive days) together with all out of pocket expenses. No inspection may occupy more than two days, save by special arrangement. Fellows wishing for the services of an Inspector are requested to give at least a week's notice and choice of two or three days, and to indicate the most convenient railway station and its distance from their garden.

INFORMATION.

9. INFORMATION AND ASSISTANCE are afforded by the Officers of the Society at all times to any of the Fellows on matters of horticultural interest, whilst the Scientific Committee gladly reports on the nature of any botanical or diseased, abnormal or curious specimens of plants, &c., which the Fellows may submit for their notice.

OFFICES AND LIBRARY.

10. The Offices and Library of the Society are at the **Royal Horticultural Hall in Vincent Square, Westminster.** The Library, containing upwards of 4,000 volumes, is always open to Fellows during office hours (10 a.m. to 4 p.m.), and books may be borrowed under certain regulations. Fellows will also find writing materials in the library and a selection of the leading horticultural newspapers. (*See* page 49.)

DONATIONS.

11. DONATIONS are continually being made to the Society of books, plants, and seeds, the latter occasionally supplying plants of great horticultural interest. With the increased size both of the Garden and of the Library and other accommodation, the Council hope that Fellows and other well-wishers will continue to send such gifts even in a greater degree than before.

Fellows can greatly assist the Society by forwarding to the Secretary the names of any ladies or gentlemen whom they think at all likely to take an interest in the Society's work. There are at present over 8,000 Fellows on the Society's roll. A Nomination Form will be found at page 86.

SHOWS, MEETINGS AND LECTURES, 1905.

- Jan. 3.—Exhibition and Meeting.
 „ 24.—Exhibition and Meeting. Lecture by the Assistant Secretary, on German Methods of Fruit Preserving.
 Feb. 14.—Exhibition. ANNUAL GENERAL MEETING, 3 p.m.
 „ 28.—Exhibition and Meeting. Lecture by the Hon. J. H. Turner, on Fruit Growing in British Columbia.*
 Mar. 14.—Exhibition and Meeting. Lecture by the Rev. Prof. Henslow, V.M.H., on Bud Variation.*
 „ 28.—Exhibition and Meeting. Lecture by Mr. Frank Pink, on Bananas.
 „ 30, 31.—SHOW OF COLONIAL GROWN FRUIT & VEGETABLES.
 April 11.—Exhibition and Meeting. Lecture by Mr. T. J. Powell, on Retarded Potatoes.
 „ 25.—Exhibition and Meeting. NATIONAL AURICULA AND PRIMULA SOCIETY'S SHOW. Lecture by Mr. James Hudson, V.M.H., on the Making of Japanese Gardens in England.*
 May 9.—Exhibition and Meeting. Lectures by Mr. N. Hayashi, on Japanese Horticulture, and by Mr. Reginald Farrer, on Japanese Plants and Gardens.*
 „ 28.—Exhibition and Meeting. NATIONAL TULIP SOCIETY'S SHOW. Lecture by Mr. E. M. Holmes, on Medicinal Plants Old and New.*
 „ 30. } FLOWER SHOW, INNER TEMPLE GARDENS.
 „ 31. } Fellows admitted after 12.30 on May 30th, upon showing
 June 1. } their Tickets.
 „ 20.—Exhibition and Meeting. Lecture by the Rev. Prof. Henslow, V.M.H., on Plants of the Bible.*
 July 4.—Exhibition and Meeting. NATIONAL SWEET-PEA SOCIETY'S SHOW. Lecture by Prof. H. J. Webber, on the Progress of Horticulture in the United States.
 „ 18.—Exhibition and Meeting. NATIONAL CARNATION AND PICOTEE SOCIETY'S SHOW. Lecture by the Superintendent, on the Wisley Gardens (illustrated by Lantern Slides.)
 Aug. 1.—Exhibition and Meeting. Lecture by Mr. Charles T. Druery, V.M.H., on the British Ferns and their Wild Sports.*
 „ 15.—Exhibition and Meeting. Lecture by Prof. Craig, on Orchard Management.*
 „ 29.—Exhibition and Meeting. Lecture by Mr. R. Lewis Castle, on Trees for Towns.
 Sept. 12.—Exhibition and Meeting. Lecture by Mr. Walter P. Wright, on Potatoes.*
 „ 26. } AUTUMN ROSE SHOW.† Meeting on September 26th, and
 „ 27. } Lecture by Mr. W. F. Cooling, on Autumn Roses.
 Oct. 10. } BRITISH FRUIT SHOW. Meeting on October 10th, and
 „ 11. } Conference on the Effect of Foreign Fruit Importation, opened
 „ 12. } by Mr. Geo. Bunyard, V.M.H., and Mr. Joseph Cheal.
 „ 24.—VEGETABLE SHOW AND MEETING. Lecture by the Rev. Prof. Henslow, V.M.H., on the Meaning of Natural Selection.
 Nov. 7.—Exhibition and Meeting. Lecture by Dr. J. A. Voelcker, M.A., on Chemistry in relation to Horticulture.
 „ 21.—Exhibition and Meeting. Lecture by Mr. E. T. Cook, on Hollies.*
 Dec. 5.—Exhibition and Meeting. Lecture by Mr. O. Herman Senn on Crystallization of Fruit and Flowers.
 „ 19.—Exhibition and Meeting.
 1906.—Exhibitions and Meetings, January 9th and 23rd,

* Lecture Illustrated by Lantern Slides.

† Held in conjunction with the National Rose Society.

NOTE.—Unless otherwise stated, the Shows will be held in the Royal Horticultural Hall, Vincent Square, Westminster, S.W.

Fellows are admitted free at 1 p.m.; the public at 2 p.m. on payment of 2/6.

PRIVILEGES OF FELLOWS.

ELIGIBILITY.

Anyone interested in Horticulture is eligible for election as Fellow, and is invited to join the Society.

Candidates for election are proposed by two Fellows of the Society.

Forms for proposing new Fellows may be obtained from the Office, Vincent Square, Westminster.

Ladies are eligible for election as Fellows of the Society.

FELLOWS.

A Fellow subscribing Four Guineas a year (or commuting for forty Guineas) is entitled—

- 1.—To ONE Non-transferable (personal) Pass and FIVE Transferable Tickets admitting to all the Society's Exhibitions, and to the Gardens on any day except Sundays.
- 2.—To attend and vote at all Meetings of the Society.
- 3.—To the use of the Libraries at the Society's Rooms.
- 4.—To a copy of the Society's JOURNAL, containing the Papers read at all Meetings and Conferences, Reports of trials made at the Gardens, and descriptions and illustrations of new or rare plants, &c.
- 5.—To purchase, at reduced rates, such fruit, vegetables and cut flowers, as are not required for the experimental purposes of the Society.
- 6.—To a share (in proportion to the annual subscription) of such surplus and waste plants as may be available for distribution. Fellows residing beyond a radius of 35 miles from London (by the A B C Railway Guide) are entitled to a double share.
- 7.—Subject to certain limitations, to obtain Analysis of Manures, Soils, &c., or advice on such subjects, by letter from the Society's Consulting Chemist, Dr. J. A. Voelcker, M.A.
- 8.—To have their Gardens inspected by the Society's Officer at the following fees:—One day, £2 2s.; two days, £3 3s.; *plus* all out of pocket expenses.
- 9.—To exhibit at all Shows and Meetings, and to send seeds, plants, &c., for trial to the Society's Gardens.
- 10.—To recommend any Lady or Gentleman for election as a Fellow of the Society.

A Fellow subscribing Two Guineas a year (or commuting for Twenty-five Guineas) is entitled—

- 1.—To ONE Non-transferable Pass and Two Transferable Tickets,
- 2.—To the same privileges as mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.

A Fellow subscribing One Guinea a year, with an Entrance Fee of £1 ls. (or commuting for £15 15s.), is entitled—

Bona fide Gardeners earning their living thereby, and persons living permanently abroad, are exempt from the payment of the Entrance Fee.

- 1.—To ONE Transferable Ticket (in lieu of the Non-transferable personal Pass), and the privileges mentioned in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, as above.
- N.B.—Each Transferable Ticket or Non-transferable personal Pass, will admit three persons to the Gardens at Wisley on any day *except* days on which an Exhibition or Meeting is being held, when each Ticket or Pass will admit One Person only. The Gardens are closed on Sundays, Good Friday, and Xmas Day.

ASSOCIATES.

An Associate subscribing 10s. 6d. a year is entitled—

- 1.—To ONE Non-transferable Pass, and to privileges mentioned in Nos. 3, 4 and 9.

N.B.—Associates must be *bona fide* Gardeners, or employees in a Nursery, Private or Market Garden, or Seed Establishment, and must be recommended for election by Two Fellows of the Society.

Local Horticultural and Cottage Garden Societies may be Affiliated to the

STATEMENT OF CHEMICAL PRIVILEGES OF FELLOWS. SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES, ETC. AND INSTRUCTIONS FOR SELECTING AND SENDING SAMPLES FOR ANALYSIS.

CHEMICAL ANALYSIS.

Applicable only to the case of those Fellows who are not engaged in any Horticultural Trade, or in the manufacture or sale of any substance sent for Analysis.)

The Council have fixed the following rates of Charges for Chemical Analysis to Fellows of the Society being *bonâ fide* Gardeners or Amateurs.

These privileges are applicable only when the Analyses are for *bonâ fide* horticultural purposes, and are required by Fellows for their own use and guidance in respect of gardens or orchards in their own occupation.

The analyses are given on the understanding that they are required for the individual and sole benefit of the Fellow applying for them, and must not be used for the information of other persons, or for commercial purposes.

Gardeners when forwarding samples are required to state the name of the Fellow on whose behalf they apply.

The analyses and reports may not be communicated to either vendor or manufacturer, except in cases of dispute.

When applying for an analysis, Fellows must be very particular to quote the number in the following schedule under which they wish it to be made:—

- | | | |
|------|--|-----------------|
| No. | | |
| 1.— | An opinion on the purity of bone-dust (each sample) | 2s. 6d. |
| 2.— | An analysis of sulphate or muriate of ammonia, or of nitrate of soda, together with an opinion as to whether it be worth the price charged | 5s. |
| 3.— | An analysis of guano; showing the proportion of moisture, organic matter, sand, phosphate of lime, alkaline salts and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 4.— | An analysis of mineral superphosphate of lime for soluble phosphates only, together with an opinion as to whether it be worth the price charged | 5s. |
| 5.— | An analysis of superphosphate of lime, dissolved bones, &c., showing the proportions of moisture, organic matter, sand, soluble and insoluble phosphates, sulphate of lime and ammonia, together with an opinion as to whether it be worth the price charged | 10s. |
| 6.— | An analysis of bone-dust, basic slag, or any other ordinary artificial manure, together with an opinion as to whether it be worth the price charged | 10s. |
| 7.— | Determination of potash in potash salts, compound manures, &c. | 7s. 6d. |
| 8.— | An analysis of compound artificial manures, animal products, refuse substances used for manure, &c. | from 10s. to £1 |
| 9.— | An analysis of limestone, showing the proportion of lime | 7s. 6d. |
| 10.— | Partial analysis of a soil, including determinations of clay, sand, organic matter, and carbonate of lime | 10s. |
| 11.— | Complete analysis of a soil | £3 |
| 12.— | Analysis of any vegetable product | 10s. |
| 13.— | Determination of the "hardness" of a sample of water before and after boiling | 5s. |
| 14.— | Analysis of water of land-drainage, and of water used for irrigation | £1 |
| 15.— | Analysis of water used for domestic purposes | £1 10s. |
| 16.— | Consultation by letter | 5s. |

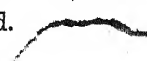
Letters and samples (postage and carriage prepaid) should be addressed to the Consulting Chemist, Dr. J. AUGUSTUS VOELCKER, 22, Tudor Street, New Bridge Street, London, E.C.

SUGGESTIONS AS TO THE PURCHASE OF ARTIFICIAL MANURES AND FERTILISERS.

The Fertilisers and Feeding Stuffs Act of 1893 (56 and 57 Vict., ch. 56) which came into force on the 1st January, 1894, affords to horticulturists the important protection that the seller must give the purchaser an INVOICE of the article sold—such Invoice to have the effect of a warranty that the article is of the quality stated. The provisions of the Act dealing with this matter will be found in Sections 1, 2, 3 and 8 of the Act, and it should be observed that for the further assistance of those who may desire to have analyses made of Artificial Manures, &c. (and who are not connected with organisations—like the Royal Horticultural Society—which provide for their Members analyses at low rates), Section 4 of the Act requires each County Council to appoint a “District Agricultural Analyst,” and Section 5 prescribes the procedure to be adopted on submitting samples to him in accordance with regulations to be made by the Board of Agriculture.

It is plainly stated in the Act that proceedings for penalties under Section 3 for offences created by the Act are to be “without prejudice to any civil liability;” and in view of this civil liability, the Royal Horticultural Society has adopted the following Suggestions and Instructions for the guidance of Fellows of the Society, having regard to the ordinary rights and liabilities of vendor and purchaser at common law.

Where, however, it is desired to institute a prosecution for any offence under the Fertilisers and Feeding Stuffs Act, the special procedure prescribed therein should be adopted.



SUGGESTIONS TO PURCHASERS.

In view of the above observations, a purchaser is recommended in all cases to insist on having an **INVOICE**, and to see that such Invoice contains the following particulars:—

- (1) The *name* of the Fertiliser.
- (2) Whether the Fertiliser is artificially *compounded* or not.
- (3) The *minimum* analysis of the Fertiliser in respect of its principal fertilising ingredients.

Fellows of the Society are strongly recommended not only to see that the invoices given to them accurately describe the Goods they have ordered, but to make all their orders subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

A Form of Order for this purpose is printed on page 15, and a supply of such forms may be obtained on application to the Secretary, R.H.S., Vincent Square, Westminster, S.W.

Attention is particularly directed to the recommendations on page 16 as to the qualities of Artificial Manures, &c., which purchasers should demand.

INSTRUCTIONS FOR
SELECTING AND SENDING SAMPLES FOR ANALYSIS.

GENERAL RULES.

- 1.—A sample taken for analysis should be fairly *representative of the bulk* from which it has been drawn.
- 2.—The sample should reach the Analyst *in the same condition* as it was at the time when drawn.

FERTILISERS.

When Fertilisers are delivered in bags, select four or five of these from the bulk, and either turn them out on a floor and rapidly mix their contents, or else drive a shovel into each bag and draw out from as near the centre as possible a couple of shovelful of the manure, and mix these quickly on a floor.

Halve the heap obtained in either of these ways, take one-half (rejecting the other) and mix again rapidly, flattening down, with the shovel any lumps that appear. Repeat this operation, until at last only some three or four pounds are left.

From this fill three tins, holding from $\frac{1}{2}$ -lb. to 1-lb. each, mark, fasten up and seal each of these. Send one for analysis, and retain the others for reference.

Or,—the manure may be put into glass bottles provided with well-fitting corks: the bottles should be labelled and the corks sealed down. The sample sent for analysis can be packed in a wooden box and sent by post or rail.

When manures are delivered in bulk, portions should be successively drawn, from *different parts* of the bulk, the heap being turned over now and again. The portions drawn should be thoroughly mixed, sub-divided, and, finally, samples should be taken as before, except that when the manure is coarse and bulky it is advisable to send larger samples than when it is in a finely divided condition.

SOILS, WATERS, &c.

Soils.—Have a wooden box made 6 inches in length and width, and from 9 to 12 inches deep, according to the depth of soil and subsoil of the field. Mark out in the field a space of about 12 inches square; dig round in a slanting direction a trench, so as to leave undisturbed a block of soil and its subsoil 9 to 12 inches deep; trim this block to make it fit into the wooden box, invert the open box over it, press down firmly, then pass a spade under the box and lift it up, gently turn over the box, nail on the lid and send by rail. The soil will then be received in the position in which it is found in the field.

In the case of very light, sandy, and porous garden soils, the wooden box may be at once inverted over the soil and forced down by pressure, and then dug out.

Waters.—Samples of water are best sent in glass-stoppered Winchester bottles, holding half-a-gallon. Care should be taken to have these scrupulously clean. In taking a sample of water for analysis it is advisable to reject the first portion drawn or

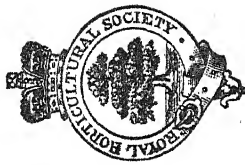
pumped, so as to obtain a sample of the water when in ordinary flow. The bottle should be rinsed out with the water that is to be analysed, and it should be filled nearly to the top. The stopper should be secured with string, or be tied over with linen or soft leather. The sample can then be sent carefully packed either in a wooden box with sawdust, &c., or in a hamper with straw.

GENERAL INSTRUCTIONS.

Time for Taking Samples.—All samples of manures, &c., should be taken as soon after their delivery as possible, and should reach the Analyst within *ten days* after delivery of the article. In every case it is advisable that the Analyst's certificate be received before a fertiliser is used.

Procedure in the Event of the Vendor wishing Fresh Samples to be drawn.—Should a purchaser find that the Analyst's certificate shows a fertiliser not to come up to the guarantee given him, he may inform the vendor of the result and complain accordingly. He should then send to the vendor *one* of the two samples which he has kept for reference. If, however, the vendor should demand that a fresh sample be drawn, the purchaser must allow this, and also give the vendor an opportunity of being present, either in person or through a representative whom he may appoint. In that case, three samples should be taken in the presence of both parties with the same precautions as before described, *each* of which should be duly packed up, labelled and *sealed* by both parties. One of these is to be given to the vendor, one is to be sent to the Analyst, and the third is to be kept by the purchaser for reference or future analysis if necessary.

All samples intended for the Consulting Chemist of the Society should be addressed (postage or carriage prepaid) to **Dr. J. AUGUSTUS VOELCKER, M.A., F.I.C., 22, Tudor Street, New Bridge Street, London, E.C.** Separate letters of instruction should be sent at the same time. For scale of Fees, see page 10.



ORDER FORM
FOR ARTIFICIAL MANURES, &C.

Address

To

Date

Please supply me for delivery

Tons Cwt. of

per ton or per cwt.

GUARANTEED to be in accordance with the conditions specified on the back hereof relating to this article, and subject to the analysis and report of the Consulting Chemist of the Royal Horticultural Society.

Signature of Fellow

CONDITIONS OF PURCHASE AND SALE.

FERTILISERS.

Raw Bones, Bone-meal, or Bone-dust to be guaranteed "PURE," and to contain not less than 45 per cent. of Phosphate of Lime, and not less than 4 per cent. of Ammonia.

Boiled Bones to be guaranteed "PURE," and to contain not less than 55 per cent. of Phosphate of Lime, and not less than 1 per cent. of Ammonia.

Mineral Superphosphate of Lime to be guaranteed to contain a certain percentage of "Soluble Phosphate." [From 25 to 28 per cent. of Soluble Phosphate, is an ordinarily good quality.]

Dissolved Bones to be guaranteed to be "made from raw bone and acid only," and to be sold as containing stated minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia.

Compound Artificial Manures, Bone Manures, Bone Compounds, &c., to be sold by analysis stating the minimum percentages of Soluble Phosphate, Insoluble Phosphates, and Ammonia contained.

Basic Slag to be guaranteed to contain a certain percentage of Phosphoric Acid [a good quality contains 17 to 19 per cent. of Phosphoric Acid], and to be sufficiently finely ground that 80 to 90 per cent. passes through a sieve having 10,000 meshes to the square inch.

Peruvian Guano to be described by that name, and to be sold by analysis stating the minimum percentages of Phosphates and Ammonia.

Sulphate of Ammonia to be guaranteed to be "PURE," and to contain not less than 24 per cent. of Ammonia.

Nitrate of Soda to be guaranteed to contain 95 per cent. pure Nitrate of Soda.

Kainit to be guaranteed to contain 23 per cent. of Sulphate of Potash.

All Fertilisers to be delivered in good and suitable condition for sowing.

AFFILIATION OF LOCAL HORTICULTURAL SOCIETIES.

I.

Local Societies subscribing £1 1s. per annum are entitled to—

- 1.—Two copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate one of their Members to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of a £1 1s. Fellow, with the exception of the *R.H.S. Journal*, and the power of voting at meetings.
- 3.—One Transferable Ticket admitting to all the R.H.S. Meetings and Shows, which may be used by any Member of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase at cost price Silver and Bronze Medals, Cards for Commendation, &c.

II.

Local Societies subscribing £2 2s. per annum are entitled to—

- 1.—Four copies of the *R.H.S. Journal* for circulation amongst the Local Society's Members.
- 2.—To nominate two of their Members, each to rank as a £1 1s. Fellow of the R.H.S., with all the privileges of £1 1s. Fellows excepting the *Journal*, and the power of voting at meetings.
- 3.—Three Transferable Tickets admitting to all the R.H.S. Meetings and Shows, which may be used by any Members of the Local Society; and an Affiliation Printing Block for use on Letter-paper, *see* next page.
- 4.—To purchase, at cost price, Silver and Bronze Medals, Cards for Commendation, &c.

The Secretary of the R.H.S. will also at any time be pleased to assist the Secretary of any affiliated Society by introducing them to Horticulturists or Specialists, able and willing to deliver Lectures on interesting subjects before Meetings of their Local Societies, or to act as Judges at Shows, &c., &c.

Price of Medals, &c., to Affiliated Societies.

AFFILIATED SOCIETY'S MEDAL, Fig. 2, p. 18.

| | | | |
|-----------------------------------|-----|-----|------|
| Silver Gilt | ... | ... | 16/6 |
| Silver | ... | ... | 12/6 |
| Bronze | ... | ... | 5/6 |
| Silver and Bronze Banksian Medals | | | |
| ... 9/6 and 4/9 | | | |

Medal Cards, with either Medal stamped in relief, 6d. each.

Cards for Certificates, Commendations, &c.

Price 3/6 for 10; 5/6 for 20; 11/6 for 50; 20/- for 100.

Each Local Society receives a Certificate of Affiliation.

Members of an Affiliated Society, can on application through the Secretary of their own Society (not otherwise) obtain one 2s. 6d. ticket for the 2nd Day of the Temple Show for 1s.

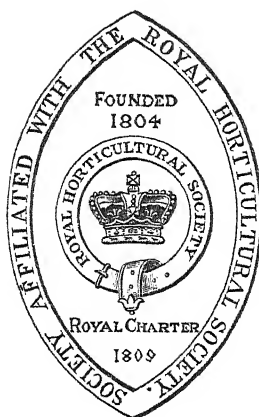


FIG. 1.

A wish having been expressed by some of the societies which are affiliated to the Royal Horticultural Society that they may be provided with a distinctive BADGE as the outward symbol of their Affiliation, the Council have caused one to be prepared (Fig. 1), which may be used by Affiliated Societies, on letter paper, schedules, &c., as they may think fit.

A printing block of this Badge will be presented to every Affiliated Society on application to the Secretary, and on signing an undertaking to return the same if the Affiliation should for any reason be ended.

Undertaking to be Signed by the Secretary of an Affiliated Society applying for the Badge.

On behalf of the _____
Society, affiliated to the Royal Horticultural Society, I request that you will be kind enough to forward a printing block of the Affiliated Societies' Badge, for the use of our Society, and I hereby undertake to return the same should our affiliation be for any reason ended.

Signed _____

Secretary of the _____ *Society.*

A very appropriate CARD has also been designed for the sole use of Affiliated Societies. The centre of the Card is blank so that it can be used for Certificates, Awards, Commendations, &c., at pleasure, the few necessary words of printing being easily supplied locally.

The Affiliated Societies MEDAL, Fig. 2, can be obtained in Gold, Silver Gilt, Silver and Bronze, and Award Cards with the medal stamped in relief 6d. each, can be sent with each medal if desired at the time.



FIG. 2.

FREE GRANT OF MEDALS TO COTTAGE GARDEN SOCIETIES.

To encourage and promote the cultivation of Plants and Flowers, Fruits and Vegetables, among Cottagers throughout the British Islands, the Council will make a free grant of one of the Society's Bronze Banksian Medals, on the following conditions only, viz. : (i.) To Cottagers' Societies only, and (ii.) only to such Cottagers' Societies as are not founded on any sectarian basis, but are free and open to all cottage competitors in the parish or district concerned. (iii.) A postal order for 1/- must be sent to defray expense of postage, etc., and, (iv.) a copy of last year's schedule.

All Societies applying for the grant of a Medal must give satisfactory proof of their compliance with requirements i. and ii. The Council further reserve to themselves perfect freedom of action in regard to the granting or withholding of Medals at their discretion, but none will be granted to any Society distributing less than £10 in prizes to the Cottagers' division.

Societies must on no account advertise an R.H.S. Medal in their Schedule unless they have received a distinct promise of it from the Secretary of the R.H.S. Application must be made *every* year.

The Council wish to urge upon the Secretaries of Cottage Garden Societies throughout the kingdom the advisability of becoming *affiliated with* the Royal Horticultural Society. Particulars as to subscriptions and privileges are given on page 17.

The Medal should always be an addition to Prizes won, not a Single Prize by itself. It should, as a rule, be awarded "to the Cottager winning the largest total amount of money in Prizes at the Show;" the same Cottager being barred from winning it oftener than once in three consecutive annual shows. If two Cottagers should be equal, the first in alphabetical order should receive it—(unless he shall have ever previously won it and the other not)—thus leaving the other free to win it the following year if he can.

EXAMINATIONS IN HORTICULTURE.

APRIL 12, 1905.

I.—GENERAL EXAMINATION.

1. The Council of THE ROYAL HORTICULTURAL SOCIETY, sympathising with the efforts of various County Councils, Technical Institutes, Schools, Gardeners' Mutual Improvement Societies, and other bodies to promote instruction in practical Horticulture by means of Lectures, Demonstrations, &c., and in the hope of rendering such teaching more definite and effective, have consented to hold an examination in Horticulture on Wednesday, April 12th, 1905.

2. The following is an Outline Syllabus, showing the nature of the subjects to which it is considered desirable that the attention of Students should be drawn.

PART I.—ELEMENTARY PRINCIPLES.

On which Horticultural practice is based.

- (1) Soils, good and bad: their Mineral Composition; Chemical Nature of Fertilisers and their respective values.
- (2) The Physiological values of Water, Heat, and Air in Plant Growth.
- (3) The Structure of Seeds and their Modes of Germination; the Chemical Phenomena of Germination; the Movements of Seedlings and the uses of them.
- (4) The Functions of Roots; their Anatomical Structure; Hindrances to Healthy Root-action and their remedies.
- (5) The Uses of Stems and Branches; the Anatomical Structure of ordinary Dicotyledonous and of a Monocotyledonous Stem.
- (6) The Physiological Functions of Leaves, and the Action of Light upon them.
- (7) The Structure of Tubers and other Subterranean Stems; the Structure of Bulbs and Buds; the General Phenomena of Vegetative Multiplication.
- (8) The Physiological Processes undergone in Growth and Development; the Structure of an Active Cell, and the process of Cell-division and the formation of Tissues.
- (9) The Structure of Flower-buds and of Flowers; the Methods of Pollination, Natural and Artificial.
- (10) The Process of Impregnation of the Ovule, and the Formation of Embryo and Endosperm.
- (11) The Classification and Description of Fruits; the Changes and Development during Ripening.
- (12) The General Characters of the Commoner Families of Plants in Cultivation.
- (13) The Origin of Species.

PART II.—OPERATIONS AND PRACTICE.

- (1) Surveying and Landscape Gardening : Elements of.
- (2) Choice of Site for Garden.
- (3) Description and use of implements under each head.
- (4) Operations connected with the Cultivation of the Land, with explanations and illustrations of good and bad methods : Digging and Trenching ; Draining ; Hoeing, Stirring the Soil, and Weeding ; Watering ; Preparation of Seed Beds ; Rolling and Raking, Sowing, Transplanting and Thinning ; Potting, Planting : Aspects, Positions, and Shelter ; Staking ; Earthing and Blanching, &c.
- (5) Propagation, Elementary principles : Cuttings, Buddings and Grafting : Stocks used, Layering, Division, Branch Pruning, Root Pruning ; Old and Young Trees and Bushes. Training.
- (6) Fruit Culture : Open Air and Under Glass ; Small Fruits ; Apples and Pears ; Stone Fruits ; Gathering and Storing ; Packing and Marketing. General Knowledge of Fruits, and Selection of Varieties.
- (7) Vegetable Culture : Tubers and Roots ; Green Vegetables : Fruits and Seeds ; Rotation of Crops, and Selection of Varieties.
- (8) Flower Culture, Outside and Under Glass.
- (9) Manures and their Application.
- (10) Improvement of Plants by Cross-breeding, Hybridization and Selection.
- (11) Arboriculture : Trees and Shrubs and their Culture.
- (12) Insect and Fungus Pests : Prevention and Treatment.

3. Students and young gardeners not having had the advantage of attending Lectures, but wishing to present themselves at some one of the Centres for Examination might with advantage consult some of the following works :—

Primer of Botany, by Sir J. D. Hooker, K.C.S.I. (Macmillan & Co., 30, Bedford Street, W.C.) 1/-.

Botany for Beginners, by Rev. Professor Henslow (Stanford), 2/6.

Elements of Botany, by Francis Darwin, F.R.S. (Clay & Sons), 2/6.

The Treasury of Botany, (Longman's), 15/-.

Structural Botany (Flowering Plants), by Dr. D. H. Scott. (A. & C. Black, Soho Square, W.C.), 3/6.

Floral Dissections, by Professor Henslow, V.M.H. (Stanford), 4/-.

How to Study Wild Flowers, by Professor Henslow (R.T.S.), 2/6.

Plant Life, by Dr. M. T. Masters, F.R.S. (Vinton & Co., 9 New Bridge Street, E.C.), 2/6.

Natural History of Plants, 2 Vols., by Kerner & Oliver (Blackie & Son), 50/-.

Physiology of Plants, by Dr. Paul Soraue (Longmans, Green & Co., 39, Paternoster Row, E.C.), 9/-.

- Agricultural Botany**, by John Percival, F.L.S. (Duckworth), 7/6.
- Elements of Agriculture**, by W. Fream, LL.D. (J. Murray, Albemarle Street, W.), 3/6.
- Manual of Agricultural Botany**, by Dr. A. B. Frank, translated by J. W. Patterson (Blackwood), 2/6.
- Chemistry of the Garden**, by H. Cousins (Macmillan & Co.), 1/-.
- Diseases of Plants**, by Professor H. Marshall Ward (S.P.C.K., Northumberland Avenue, W.C.), 2/6.
- Plant Breeding**, by Professor L. H. Bailey (Macmillan & Co.), 4/-.
- Thompson's Gardeners' Assistant**, New Edition by W. Watson, (Gresham Publishing Co.), £2/8/-.
- The Art and Practice of Landscape Gardening**, by H. E. Milner, V.M.H., 21/-.
- Primer of Horticulture**, by J. Wright, V.M.H. (Macmillan & Co.), 1/-.
- Profitable Fruit Growing**, by J. Wright, V.M.H. ("City Press" Office, Aldersgate, E.C.), 1/3.
- Pruning**, by Professor L. H. Bailey (Macmillan & Co.), 5/-.
- Art of Budding and Grafting**, by C. Baltet (Crossby Lockwood, Stationers' Hall Court, E.C.), 2/6.
- The Book of Vegetables**, by Geo. Wythes, V.M.H. (Lane), 2/6.
- The Book of Uncommon Vegetables**, by Geo. Wythes, V.M.H. (Lane), 2/6.
- Vegetables**, by Edwin Beckett (Simpkin, Marshall), 2/6.

4. The Examination will be held simultaneously in as many different centres in Great Britain and Ireland as circumstances may demand.

5. The time allowed for the Examination is 3 hours and 5 minutes, the hour fixed being generally from 6.30 to 9.35 p.m.

6. The Examination will for the most part be based on the above Outline Syllabus of Elementary Principles and of Operations and Practice. It will, therefore, in all cases, be absolutely essential for Students to exhibit a sufficient knowledge of the "Elementary Principles" named in the above Syllabus.

7. 300 Marks will be given as a maximum. Candidates gaining 250 Marks and over will be placed in the FIRST CLASS. Those gaining 200 to 249 will be placed in the SECOND CLASS, and those gaining between 100 and 199 will be placed in the THIRD CLASS. Candidates failing to obtain 100 Marks will not be classed.

8. The Royal Horticultural Society will award a Silver Gilt Medal to the Candidate gaining the highest number of Marks, and will also, if the County Council or other body promoting the Lectures wish it, deliver to their Candidates Certificates of the Class in which they shall have passed.

9. County Councils, Lecturers, &c., must send in to the Society the actual names and addresses of Candidates at each proposed centre at **least ten days** before the Examination takes place. They must at the same time send a cheque at the rate of 5s. a head, otherwise the entries cannot be received. No entry fees can be returned.

10. Gardeners and Students wishing to sit for the Examination, but who have not attended any particular series of Lectures, must send in their name and address, and also the name and address of some responsible person willing to conduct the Examination (*see par. 14*), to the Secretary, R.H.S., Vincent Square, Westminster, at least three weeks before the date of Examination.

11. Every Student wishing to be examined must, as far as possible, give all the information asked for on the form attached to the Syllabus, which may be obtained from the Office.

12. A capitation fee of 5s. will be charged for every Student, in order to partially defray the expenses of the Examination.

13. County Councils, Lecturers, and others desiring to have an examination held in their neighbourhood, must also send in the full name and address (with designation or occupation) of one responsible person for each proposed centre, who will undertake to supervise the Examination in accordance with the Society's rules.

14. N.B.—The Society is willing to hold an Examination wherever a magistrate, clergyman, schoolmaster or other responsible person accustomed to Examinations will consent to supervise one on the Society's behalf, and in accordance with the rules laid down for its conduct.

A stamped and directed envelope must be enclosed with all communications requiring a reply.

Copies of the Questions set at the Examinations 1893-1904 (price 1/6 a set, or 7/6 a dozen) may be obtained at the Society's Office, Vincent Square, Westminster, S.W.

II.—SCHOOL TEACHERS' EXAMINATION.

APRIL 5TH, 1905.

15.—The Society will also hold an Examination in Cottage and Allotment Gardening, on Wednesday, April 5th, 1905.

16.—This Examination is intended for and will be confined to Elementary and Technical School Teachers. It has been undertaken in view of the increasing demand in Country districts that the School Teachers shall be competent to teach the elements of Cottage and Allotment Gardening, and of the absence of any test whatever of such capacity.

17.—The general conduct of the Examination will be on the same lines as that of the more General Examination (*see* Sections 4—14) save in obvious points to which they would not apply.

18.— OUTLINE SYLLABUS.

- (1) Some knowledge of the formation or nature of soils, not necessarily Scientific, but such as is essential to cultivators.
- (2) Information as to the best average sizes of cottage gardens and allotments such as men engaged in diverse vocations can cultivate in spare time.
- (3) Preparation of soils for the reception of crops of all descriptions to ensure successful results.
- (4) Renovating Neglected Gardens.
- (5) Manuring soils for diverse crops with some knowledge in practical form of the nature of manures and their constituents.
- (6) Spring Vegetable crops, varieties and method of cropping, times for manuring, planting, &c.
- (7) Summer Crops—successional.
- (8) Autumn or Winter crops for successional purposes.
- (9) General treatment to secure best results for all seasons.
- (10) Suitable fruits for cottage gardens. Varieties, methods of culture, pruning and training. General treatment.
- (11) Fruits suitable for allotment culture.
- (12) Flowers for cottage gardens, seasons of flowering, methods of propagation, &c.
- (13) Flowers suited for allotments, varieties and general culture.
- (14) Window gardening, inside and out.

19.—Suggested Text Books :—

Vegetable Culture, price 1/-. Macmillan & Co., London, W.C.

Primer of Horticulture, price 1/-. Macmillan & Co., London, W.C.

Garden Flowers and Plants, price 1/-. Macmillan & Co., London, W.C.

Paxton's Calendar of Garden Operations, revised, price 3½d.
 "Gardeners' Chronicle" Office, 41, Wellington Street,
 Covent Garden, W.C.

Profitable Fruit Growing, price 1/3. "City Press" Office,
 Aldersgate Street, London, E.C.

Concise Chemistry of the Garden, price 1s. Macmillan & Co.

EXAMINATIONS IN HORTICULTURE.

THE DUTIES OF A SUPERVISOR,

APPLICABLE WITH SLIGHT MODIFICATIONS TO BOTH EXAMINATIONS.

- (a) To satisfy himself that the room proposed for the Examination is a suitable one for the purpose, and to see that a sufficient quantity of foolscap paper, *all of one size*, is provided for the use of candidates.
- (b) To satisfy himself that all candidates belonging to his centre have been duly acquainted with the place, day, and hour of Examination. This may be done by communicating with the Lecturer, or with the Secretary of the County Council, &c.
- (c) To receive the sealed parcel of papers which will be posted to him from London two clear days before the Examination. N.B.—If the papers do not arrive by the first post on the day of Examination, he should *immediately* telegraph to the Secretary of the Society, Vincent Square, Westminster, S.W. Telegraphic Address: "Hortensia, London."
- (d) To preserve the seals of the parcel *unbroken* until he opens it *in the presence of the candidates*, at the hour fixed for the Examination to commence.
- (e) To distribute one copy of the Principles Paper to each candidate at the beginning of the Examination, and one copy of the Practice Paper 1 hour and 35 minutes later. It is better that the candidates should be seated not too closely together.
- (f) The Supervisor having given out the papers will *immediately* read aloud the directions printed at the head, make a note of the exact time, and inform students distinctly of the exact hour at which the first paper will be collected and the second paper will be given out, and the time at which the second paper must be handed in.
- (g) To see that the following rules are strictly observed:—
 - 1. One-and-a-half hours are allowed for each paper.
 - 2. Students are not allowed to bring any books, paper, notes, &c., into the Examination Room; nor to ask any questions whatever, save of the Supervisor, who must exercise his judgment as to whether such question is one he should answer or not.
 - 3. An interval of 5 minutes is allowed between the collection of the first paper and the distribution of the second.

4. Students are not allowed to leave the Examination Room on any pretext whatsoever after each paper has been distributed, but only during the 5 minutes interval. In case of unavoidable illness, the Student must be content either to hand in what he has already done, or to wait till another Examination takes place.
 5. Any Student leaving the room before the full time allowed has expired must first give up to the Supervisor his written papers.
 6. The papers of any Students breaking these rules, or found copying, should at once be destroyed.
- (h) The allotted time having expired, the Supervisor will call on the Students to fold up and hand in each paper. After the second paper is handed in, both papers should be *at once* (before leaving the room) tied together securely with string. They should be posted to the Secretary, R.H.S., Vincent Square, Westminster, S.W., by the earliest possible post.
- (i) The Supervisor will, of course, not himself leave the room during the time of Examination.
- (k) The Supervisor is requested to sign the following form, and return it with the Students' papers to the Secretary, R.H.S., Vincent Square, Westminster, S.W.

I hereby certify that the Examination in Horticulture
held at.....
has been conducted strictly according to the rules and regulations
of the Royal Horticultural Society.

Supervisor's Signature.....

Supervisor's Address.....

Date

* * The Council of the Royal Horticultural Society reserve to themselves the right to modify the application of these regulations as they may consider necessary, and all disputed questions of interpretation and procedure must be referred to them for final decision.

SCHOLARSHIPS.

In 1894 SIR TREVOR LAWRENCE, Bart., K.C.V.O., V.M.H., President of the Society, offered a Scholarship of £25 a year for two years, to be awarded after the examination of the Royal Horticultural Society, to the Student who should pass highest, if he were willing to accept the conditions attaching thereto. The main outline of these conditions was that the holder must be of the male sex, and between the ages of 18 and 22 years, and that he should study gardening for one year at least at the Royal Horticultural Society's Gardens, conforming to the general rules laid down there for Students. In the second year of the Scholarship he might, if he liked, continue his studies at some other place at home or abroad which was approved by the Council of the Society.

Similar Scholarships were presented by:—

Baron Sir H. SCHRÖDER, Bart., V.M.H., in 1895.

The Worshipful Company of Gardeners, 1896.

N. N. SHERWOOD, Esq., V.M.H., 1897.

G. W. BURROWS, Esq., 1898.

The Right Hon. the LORD AMHERST, 1899.

HENRY WOOD, Esq., 1900.

F. G. IVEY, Esq., 1901.

Sir WILLIAM FARMER, 1902.

— STRAUSS, Esq., 1903.

SCHOLARS:—

| | | | |
|------|-----|-----|----------------------|
| 1894 | ... | ... | Mr. W. N. SANDS. |
| 1895 | ... | ... | Mr. G. F. TINLEY. |
| 1897 | ... | ... | Mr. H. S. LANGFORD. |
| 1898 | ... | ... | Miss HARRISON. |
| 1899 | ... | ... | Mr. C. J. GLEED. |
| 1900 | ... | ... | Mr. B. SMITH. |
| 1901 | ... | ... | Mr. CHARLES H. BUCK. |
| 1902 | ... | ... | Mr. L. L. GOFFIN. |
| 1903 | ... | ... | Mr. WM. BROWN. |

THE SOCIETY'S GARDENS.

TRUSTEES:

JOHN T. BENNETT-POË, V.M.H.
 CECIL HANBURY.
 J. GURNEY FOWLER.

SIR TREVOR LAWRENCE, Bart.,
 K.C.V.O., V.M.H.
 REV. W. WILKS, M.A.
 ELLEN WILLMOTT, V.M.H.

THE Society's Gardens were established at Chiswick in 1822, since which time they have been looked upon as a leading and most important help to Horticulture. The new plants discovered by Reeves, Potts, Damper Parks and Fortune in China and in the East Indies; by Don on the West Coast of Africa, South America, and the West Indies; by Forbes at the Cape of Good Hope and the Zambesi region; by Douglas in North America; and by Hartweg in Central America, were all first grown at or introduced to Chiswick, and from thence distributed over the British Islands and the Continent.

Of recent years the difficulties to be contended with at Chiswick, arising chiefly from the excessive surrounding drainage and from the London smoke, had increased with tremendous rapidity and a desire for a better situated garden had long been freely expressed, and thanks to Sir Thomas Hanbury, K.C.V.O., this desire was gratified in the Centennial year of the Society. Sir Thomas purchased 60 acres of land, including the celebrated wild garden of the late Mr. G. F. Wilson, V.M.H., at Wisley, and has given it in trust for the Society's use for ever.

The Council are anxious to make the Gardens (as far as the funds at their command will allow) a School of Practical and Scientific Horticulture, and of increased value and interest to the Fellows. Mr. Wilson's wild garden is being carefully preserved and continued, about 7 acres have been already planted with fruit trees and bushes and other parts of the site will in due course be gradually devoted to the cultivation of all such other trees, shrubs, fruits, vegetables, stove, greenhouse and hardy plants and flowers as are found to be most generally useful or

established ones; to the hybridization of Plants and the raising of New Varieties; to experiments in the culture and treatment of those plants which possess a floral or decorative, as distinguished from a merely scientific, value and interest. To these may be added the trial of such Horticultural appliances and materials as may from time to time be submitted, and if funds be forthcoming it is hoped soon to add a practical Scientific department, with Laboratory, &c., this however, must largely depend on the liberality of Fellows interested in Scientific Horticultural research.

The cultivation and trial of Fruits have always been considered as of the utmost importance, and will be amongst the most valuable features of the Garden. It is intended to establish and maintain a collection of all the best varieties of fruits, and to extend it from time to time by the trial of such novelties as the raisers may be good enough to bestow on the Society.

A collection of standard and typical varieties of different vegetables will also be grown for comparison with new varieties, both to assist the Committee in recommending their awards and for the general information of the Fellows. Besides this general collection, specially exhaustive trials of certain classes of fruits, flowers and vegetables will be made every few years in rotation, and descriptive reports given in the Society's Journal.

The Floral department will include trees, shrubs, plants and flowers of a distinctly garden character, whether for cultivation under glass or out of doors. A few classes only however can be illustrated each year. (*See next page.*)

The Officials of the Society will give any information and render every assistance in their power to all Fellows. Any one wishing to study any particular branch of gardening operations, or to make any special observations on different subjects, should make direct application to the Secretary, R.H.S., Vincent Square. Westminster. S.W.

ROYAL HORTICULTURAL SOCIETY'S GARDENS AT WISLEY.

TRIALS SUGGESTED IN 1905-6.

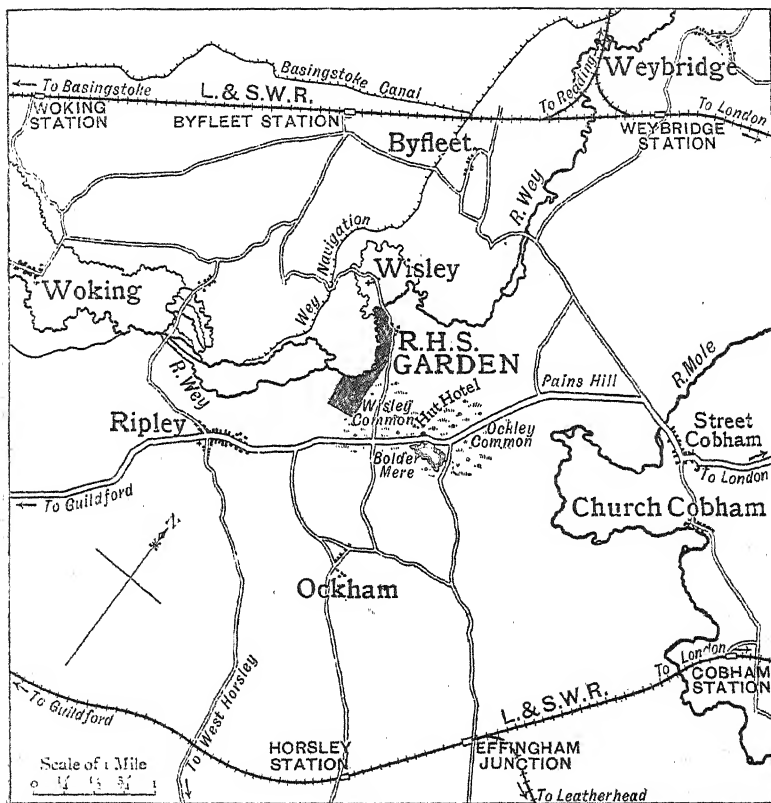
FLORAL.

| | |
|-----------------|---|
| VIOLAS, | 6 plants of each variety to be sent in February. |
| CARNATIONS, | 3 " " " " " |
| CACTUS DAHLIAS, | 2 " " " " May |
| SWEET PEAS, | 2 ozs. " " " " February. |

FRUIT AND VEGETABLES.

| | |
|-----------|--|
| PLUMS, | Bush Trees—to be sent by end of October. |
| APPLES, | " " " " |
| PEAS, | $\frac{1}{2}$ -pint of seed of each variety, to be sent by February. |
| POTATOS, | 20 tubers " " " " " |
| BROCCOLI, | $\frac{1}{2}$ -oz. of seed " " " " " |
| TOMATO, | 20 seeds of each variety to be sent by March 1st. |

All the above to be addressed to the Superintendent, R.H.S. Gardens, Wisley, Ripley, Surrey. If by rail, per L. & S. W. R. to Horsley Station, with advice note to the Superintendent.



POSITION OF THE SOCIETY'S GARDEN.

Walker & Cockerell sc.

DIRECTIONS TO FELLOWS VISITING THE SOCIETY'S GARDENS AT WISLEY.

Wisley may be reached from the under-mentioned stations, all of which are on the London and South Western Railway. Starting from Waterloo Station most of the trains stop at Clapham Junction, about 8 minutes afterwards, but it is not quite safe to reckon on this without first ascertaining the fact, nor must the times of the trains given below be trusted without verification as they may have been changed.

Any one liking to spend a day or two near the Garden, will find an excellent country hotel, called "The Hut," only $\frac{3}{4}$ mile from the Garden. The postal address is "The Hut," Wisley Common, Cobham, Surrey.

Carriages to convey four persons can be obtained by writing to Mr. White, fly proprietor, Ripley, Surrey; the charge being to and from Weybridge, 10s., or to and from Horsley, 7s.

WEYBRIDGE.—19 miles from Waterloo (Central Station), and $5\frac{1}{2}$ from Wisley. Return Tickets, 1st Class, 5s.; 2nd Class, 3s. 6d.; 3rd Class, 2s. 10d. Carriages will be found at the Station. Trains leave Waterloo, 9.30, 10.5, 11.22 reaching Weybridge 10.19, 10.44, 12.1. Returning from Weybridge, 3.34, 4.8, 4.25, 5.26, reaching Waterloo, 4.15, 5.5, 5.18, 6.10.

HORSLEY.—22 miles from Waterloo (South Station), and $3\frac{1}{2}$ from Wisley. Return Tickets, 1st Class, 6s. 4d.; 2nd Class, 4s.; 3rd Class, 3s. 6d. Carriages can be procured by writing beforehand to the Manager. "The Hut Hotel," Wisley, Cobham, Surrey. Trains leave Waterloo, 9.2, 9.35, 10.20, 11.2 reaching Horsley, 10.15, 10.34, 11.35, 12.12. Returning from Horsley, 3.29, 4.56, 5.12, reaching Waterloo, 4.24, 5.49, 6.20. A Motor Car now meets most trains to convey passengers to any destination.

BYFLEET.—21 $\frac{1}{2}$ miles from Waterloo and 3 from Wisley. Carriages will be found at the Station (Fare to Wisley, 4s.) Return Tickets, 1st Class, 5s. 10d.; 2nd Class, 4s.; 3rd Class, 3s. 8d.; Trains leave Waterloo, 9.30, 11.22, 12.12, reaching Byfleet, 10.30, 12.8, 1.15. Returning, 3.39, 4.16, 5.52.

ADMISSION OF FELLOWS AND VISITORS TO THE GARDENS AT WISLEY.

Fellows of the Society on showing their Tickets have free personal admission to the Gardens on all occasions when the gates are open, including all Exhibitions and Meetings.

Visitors will be admitted on presenting a Fellow's Transferable Ticket, each of which admits three persons.

Children will not be admitted unless accompanied by an adult, who will be held responsible for their conduct while in the Gardens.

The Gardens are not open to the Public.

Students and Gardeners may obtain orders on application to the Secretary of the Society, Vincent Square, Westminster, S.W., which will secure them special facilities for observation and study.

The gates will be open daily (Sundays, Good Friday, and Christmas Day excepted) at 9 a.m., and will be closed at sunset. On Sundays, Good Friday and Christmas Day the Gardens are closed, but not on Bank Holidays.

ADMISSION OF STUDENTS TO THE SOCIETY'S GARDENS AT WISLEY.

The Society admits a limited number of young men to study Gardening in their Gardens. These Students have also the advantage of attending most of the Society's meetings and Shows at the Royal Horticultural Hall and elsewhere.

The following are the principal conditions of admission :—

1. Applicants for admission as working Students are furnished with a copy of this paper, which, when filled in, must be returned to the Secretary, Vincent Square, Westminster, accompanied by a letter in applicant's own handwriting.

2. Applicants must be at least 17, and not more than 22 years of age, of the male sex, healthy, free from physical defect, and not below average height.

3. Two testimonials as to character should accompany the application.

4. The applicant will be informed if his name has been entered for admission, and, on a vacancy occurring, he will receive notice to that effect. Should there be no vacancy within six months, the application must be renewed if admission is still desired. If not renewed, the applicant's name will be removed from the list.

5. After any applicant has received notice of his admission, a fee of £5 5s. must be forwarded to the Secretary of the Society before the order for admission can be issued. This payment covers all charges for two years.

6. No wages are given to Students.

7. On appointment the Student will have to sign an agreement to abide by the rules and regulations of the Gardens, and to stay not less than two years, the Superintendent having full power to terminate the engagement sooner should conditions arise rendering such a course necessary. (*See below.*)

The Agreement referred to in No. 7 above runs as follows:—

Students in the R. H. S. Gardens, Wisley, are required to conform to the following regulations:—

1. Obedience.—Implicit obedience to the Superintendent, Foremen or others appointed as instructors, and to conform to the ordinary rules of the Gardens.

2. Regularity and Punctuality.—To observe regularity and punctuality in daily attendance. Hours, 8.45 a.m. to 6 p.m. in Summer, and in Winter as may be arranged.

3. **Holidays.**—Each Student will be allowed the Bank Holidays, Sundays, Saturday Afternoon (from 1 p.m.), and 21 days during the year. The 21 days Holiday must be arranged, as to date, with the consent of the Superintendent, and may be taken either consecutively or by instalments. Not more than Two Students may be absent at the same time.

4. Students breaking these rules will be subject to instant dismissal.

Names of Students admitted since the above Regulations were brought into force:—

E. A. N. ARBER, 1893.
W. D. WILLOUGHBY, 1894.
F. S. HARRIS, 1894.
H. MACKAY, 1894.
G. F. TINLEY, 1894.
W. N. SANDS, 1894.
L. B. DAVIS, 1894.
H. FORNAULT, 1895.
F. W. TAPPLY, 1896.
G. DRINKWATER, 1896.
J. LE NIEN, 1896.
A. THEAKSTONE, 1896.
E. MILLER, 1897.
R. WHITE, 1897.
W. K. REED, 1897.
H. S. LANGFORD, 1897.
B. LYNN, 1898.
A. D. COTTON, 1898.
W. C. L. VICKERS, 1898.
H. SPOONER, 1898.
F. COLE, 1898.
H. P. GLAISTER, 1898.
P. BRUANT, 1898.
V. CLEEVES, 1899.
J. ETHERINGTON, 1899.
F. G. STORRES, 1899.
G. PYMAN, 1899.
A. G. MACWHIRTER, 1899.
H. A. BURDETT, 1899.
E. RODIGAS, 1899.

A. M. HORDER, 1899.
H. C. CHAPELOW, 1899.
E. M. BEAR, 1899.
H. MISVAER, 1900.
E. EDWARDS, 1900.
H. BROAD, 1900.
C. CAREY, 1900.
C. GLEED, 1900.
S. P. JACKSON, 1900.
G. STAPLES, 1900.
B. SMITH, 1900.
K. G. BURBIDGE, 1900.
F. CURTIS, 1901.
H. F. ROBSON, 1901.
C. H. BUCK, 1901.
L. GOFFIN, 1901.
F. HOULSTON, 1902.
J. MONTGOMERY, 1902.
H. W. BARNWELL, 1902.
S. E. SERY, 1902.
H. TYLER, 1902.
H. NOACK, 1902.
L. COLLINS, 1902.
R. SCOTT, 1903.
R. WALLACE, 1903.
F. PATMORE, 1903.
R. MORRIS, 1903.
G. MARSHALL, 1904.
W. C. ALLENSPACH, 1904.

THE JOURNAL OF THE SOCIETY.

(Entered at Stationers' Hall.)

Edited by the Rev. W. WILKS, M.A., Secretary, Vicar of Shirley, Surrey.

THE *Journal* of the Society has been published since 1807, and forms one of the most complete horticultural works, serving, amongst other things, to illustrate the changes and fashions in Gardening during the last 98 years. Its object is not only to afford a permanent record of the Society's work, but also in order that Fellows living at a distance may be kept acquainted with what the Society is doing, both at the Gardens and at Westminster. In it will be found the papers read at the fortnightly Meetings and at all the Conferences promoted by the Society; the reports also of trials and experiments made in the Gardens; notes of the Committee Meetings, and a short description of the new plants and other principal objects shown at the Society's Exhibitions, with the Medals and Certificates awarded.

Fellows of the Society and others desirous of completing their sets may still obtain the following **Back Numbers** from the Society's Offices, Vincent Square, Westminster, S.W.:—

NEW SERIES.

- Vol. I., part 4, 1867, 60 pages. Fruits and Vegetables in the Canary Isles; Breslau Botanic Garden; Experiments in Temperature; *Asplenium ebenoides*; Fungus Disease in Orchids; Lateral Fusion; *Dieffenbachia Weirii* and *Zomicarpa Pythoria*; *Primula sinensis* fl. pl. To Fellows, 1s. 6d.; non-Fellows, 2s. 6d.
- Vol. II., Supplement, 66 pages. Meteorological Observations at Chiswick, 1826-1869. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. V., 1878-79, part 5. Filberts; Savoy; Fungoid diseases of the Vine; Cyclamen; Culture of the Fig; Fern Sports; To Fellows, 1s.; non-Fellows, 1s. 6d.
- Vol. VI., 1880, 168 pages. Proceedings of the Society, 1s.
- Vol. VII., part 1, 1886, 155 pages. Orchid Conference, 1885, with papers by the late Professor Reichenbach, etc. To Fellows, 2s.; non-Fellows, 5s.

- Vol. VII., part 2, 1886, 154 pages. **Primula Conference, and Orchid Conference** at Liverpool. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. VIII., 1887, 394 pages. Effects of Severe Frost during the Winters 1879-80 and 1880-81, by the Rev. Professor Henslow, M.A., V.M.H. To Fellows, 2s.; non-Fellows, 3s. 6d.
- Vol. IX., 1887, 280 pages. **National Pear Conference**, with Catalogue of Varieties. To Fellows, 1s. 6d.; non-Fellows, 3s.
- Vol. XI., parts 1 and 2, 1889, 162 pages. Hungarian Grapes; Burmese Potatos; Tomatos; Hyacinths; Daffodils; Orchids, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XI., part 3, 1889, 278 pages. **National Rose Conference**; Irises; Strawberries; Carnations; Peaches; Nectarines; Conifers, &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XII., part 1, 1890, 289 pages. **Vegetable Conference**: Asparagus; Winter Salads; Peas; Potatos; **Chrysanthemum Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 2, 1890, 232 pages. Winter Gardening; Salads; Spring Flowers; **Daffodil Conference**, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XII., part 3, 1890, 244 pages. Flowering Trees and Shrubs; Pæonies; Hardy Plants; Fruit Evaporating; Hollyhocks; **Carnation Conference**; **Fern Conference**. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIII., part 2, 1891, 232 pages. Cyclamen; Snowdrops; Hybrid Rhododendrons; Cape Bulbs; Lachenalias, &c., &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIII., part 3, 1891, 199 pages. Alpine Plants; Tea Roses; **Conferences on Hardy Summer Perennials, and Small Hardy Fruits**; Peaches and Nectarines; Stove and Green-house Plants; Gladioli; Insectivorous Plants; &c. To Fellows, 2s.; non-Fellows, 5s.
- Vol. XIV., 1892, 588 pages. **The Conifer Conference**; Synopsis of the Order; Pinetum Danicum; Conifers in the British Islands; Diseases of Conifers; Value of Conifers; &c. To Fellows, 7s. 9d.; Non-Fellows, 15s. 6d.

- Vol. XV., part 1, 1892, 120 pages. **Conference on Michaelmas Daisies and Perennial Sunflowers**; Autumn Tints; Fruits for Cottagers, &c. To Fellows, 2s.; non-Fellows, 4s.
- Vol. XV., parts 2 and 3, 1893, 400 pages. **Begonia Conference**; Apricots and Plums; Michaelmas Daisies; Winter Vegetables; Melons: the Florist's Tulip; the Fuchsia; Root-pruning; Daffodils; Cycads: Zonal Pelargoniums; Orchids; Climbers, &c. To Fellows, 3s. 6d.; non-Fellows, 7s. 6d.
- Vol. XVI., part 1, 1893, 276 pages. The effect of Fog; the effects of Glass of various colours; Flowers of the French Riviera; Alpine Plants; Chemical questions concerning the Soil; Hardy Rhododendrons and Azaleas; American Blight: the Citron in Egypt. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XVI., parts 2 and 3, 1894, 223 pages. Houses for Alpines; Cannas; Pentstemons and Phloxes; Failure with Eucharis; Pears; the Onion; Chrysanthemums; Late-keeping Grapes, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XVII., parts 1 and 2, 1894, 212 pages. Cedar of Goa; Trees and Shrubs of Japan; the Arnold Arboretum; Hybrid Narcissi; Exploration in Borneo; Flowering Trees and Shrubs, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XVII., parts 3 and 4, 1895, 202 pages. Cactaceous Plants; Filmy Ferns; Gardeners and their Employers; Lord Bute's Vineyards; Origin of Common Vegetables; Judging at Flower Shows, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XVIII., 1895, 192 pages. Hardy Trees and Shrubs; the Larch Disease; Forest Trees for Commerce; the Utilization of Waste Ground; Management of Woods; **Conference on British Grown Fruit**; Fruit Growing in Small Gardens; Fruit Growing on a Large Scale; Packing, Grading and Marketing Fruit, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XIX., part 1, 1895, 240 pages. Winter of 1894; Seedling Narcissi; Tomato Disease; "Sleeping Disease" of Tomatos; Lifting large Trees; The genus *Campanula*; **Primula Conference**; Plants and Gardens of the Canary Isles; Roses under Glass, &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

- Vol. XIX., part 3, 1896, 252 pages. Etiolation as a phenomenon of adaptation; Carnations in Scotland; Hardy Bamboos; Crotons; Nut-growing; Potatos; Substitutes for Larch; Asparagus Culture; Rock Gardens; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 1, 1896, 204 pages. Melons; Summer Salads; Pine Apples; Tulips; Irises; Movements of Plants; Gardeners, past, present and future; Revival of older Roses; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 2, 1896, 204 pages. Garden Craft; Garden Literature; Garden Libraries; Fruit as Food; Cider and Perry; Gathering, storing and utilization of Fruit. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XX., part 3, 1897, 120 pages. New Roses; Fern Generation; Forcing Lilies of the Valley; Gladioli; Hardy Summer Flowers; Chrysanthemums; Seed-Growing; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 1, 1897, 252 pages. Microscopic Gardening; Effect of Bud Transference; Manures; Diseases of Plants; Physiology of Pitcher Plants; Preserving Fruit; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 2, 1897, 244 pages. Mutual Accommodation of Plant Organs; Garden Insects; Treatment of Insects and Fungi in America; Cross Fertilisation; Plums; Nepenthes; Cyclamen; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXI., part 3, 1898, 426 pages. Progress in Fruit, 1837-97; Progress in Vegetables, 1837-97; Progress in Market Gardens, 1837-97; The Sparrow; Tomatos; Hardy Borders; Orchid Breeding; Depth in the Soil at which Plants occur; Exhibitions and Schedules; Sports; Varieties of Fruits for Small Gardens; V.M.H.; &c. To Fellows, 3s. 6d.; non-Fellows, 6s. 6d.
- Vol. XXII., part 1, 1898, 178 pages. Fruit in California; Orchids in Guiana; Cooking Vegetables; Soils; Flora of Australia; Trees and Shrubs in the Isle of Wight; Apples and Pears for Flavour; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.

- Vol. XXII., part 2, 1898, 166 pages. Insect Blights and Blessings; Fragrant Leaves, Perfumes; Hybrid Orchids; Advantage of Physiological Knowledge; Australian Nepenthes; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXII., part 3, 1899, 322 pages. Peas; Origin of Species and Inducement of Variation; Bamboos; Water Lilies; Perpetual Strawberries; Disas; Suburban Fruit Growing; Zonal Pelargoniums; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXIII., part 1, 1899, 162 pages. Orchards of Nova Scotia; Colour and Form of Insects; the Duke of Bedford's Experimental Farm; Asparagus; Alpine Floras of Britain and Switzerland; Onions; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXIII., part 2, 1899, 190 pages. Light and Heat; Rock Gardens and Streams; Movements of Plants; Fertilisation by Insects; Dispersal of Seeds; Pruning; Plant Manures; Fruit Stations; Vines in the Open Air; Dahlias; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXIII., part 3, 1900, 292 pages. Scale and Mealy Bug; the Fruit Trade; Fruit in South Wales; Experiments in Potato Growing; Examination Questions, 1893-1900; Black Currant Mite; Prunes; Alpine Plants; Vines in the Open Air; Meteorology; The Society's Royal Charters; &c. To Fellows, 2s. 6d.; non-Fellows, 5s.
- Vol. XXIV., 1900, 348 pages. **Conference on Hybridisation**; Hybridisation and Cross-Breeding as a Method of Scientific Investigation; Fertilisation of Anthuriums; Hybridising of Monstrosities; Hybridisation and its Failures; Experiments in Hybridisation and Cross-Breeding; Work in the United States on Plant Hybridisation; The Structure of Hybrids; Hybridisation and Systematic Botany; Hybrid Poppies; &c. To Fellows, 4s.; non-Fellows, 7s. 6d.
- Vol. XXV., parts 1 and 2, 1900, 362 pages. Ornamental Trees and Shrubs; Evolution of Plants; Narcissi; Problems in Heredity; Aquatic plants; Protoplasm and Evolution; Phenomena of Germination; Uses of Leaves; Roses; Lilies;

Cherries and Plums in pots; Melons; Montbretias and Crocosmias; Strawberry Mildew; Gooseberry Disease; Saving the Rain; &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXV., part 3, 1901, 277 pages, 100 Illustrations. Figs in Pots; Egyptian Vegetation; The Law of Separation of Characters in Crosses; On Crosses with Dissimilar Heredity; Mistakes in Orchards; The Black Currant Mite; Fumigation with Hydrocyanic Acid Gas; Imperial Gardens; Cherry-Leaf Disease; Mistakes in Fruit Culture; Heating and Ventilating; Progress in the Nineteenth Century; Narcissi in New Zealand; Oranges; Meteorological Observations, &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., parts 1 and 2, 1901, 388 pages, 154 Illustrations. Mendel's Experiments in Hybridisation; Woad; Snowdrop Disease; Wild Gardens; Fumigation for Insects and Diseases; Bulbiform Seeds; Hybrid Conifers; Making and Un-making of Flowers; Construction of a Verandah; Inconspicuous Orchids; Fasciation; Improving Wild Plants; Alpines on Walls, &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., part 3, 1901, 444 pages, 115 Illustrations. The Royal Parks; Propagation without Seeds; Awakening of Buds and Sleeping of Leaves; How Plants Climb; London Fog; Oncocyclus Irises; Mimicry; **Lily Conference**; Vine Culture for Wine; Iris Leaf Disease; Dye Plants; Tender Plants Outdoors; Garden Manures; Cactus Dahlias; Autumn Roses; Flowers and Fruits in Queensland; Violet Disease; Notes on Recent Research, &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVI., part 4, 1902, 408 pages, 88 Illustrations. Fungus Pests of Carnations; Hardy Fruits for Scotland; Adaptations to Mechanical Forces; Mendel's Law and Orchid Hybrids; Hybrid Orchids; Plant Diseases; Insecticide Experiments; Mangos; A Public Horticultural Garden; Gooseberry Mildew; Fruit Preservation; Forest Trees; Arbor Day; Codlin Moth;

Tulips; Fruit Drying and Evaporating; Air Canals in Nymphæas; Banana Disease; &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVII., part 1, 1902, 500 pages, 96 Illustrations. Fungoid Pests; Renovation of Old Fruit Trees; Nicotine in Horticulture; Birds versus Gardening; A Cape Garden; New Soil Science; Plant Communities; Pergolas; Campanulas; Figs in Wales; The Sycomore Fig; Classification by Evolution; The English Tulip; Weeds of the Garden; Pelargonium Disease; Flowers at Gibraltar; Horticulture at Cairo; The Daffodil Fly; &c. To Fellows, 4s.; non-Fellows, 7s. 6d.

Vol. XXVII., parts 2 and 3, 1902, 483 pages, 92 Illustrations. Fungoid Pests; Trees and Shrubs; Carnation Disease; **Conference on Roses**; Botanical Garden at Malta; Small Fruits in Private Gardens; Hardy Fruits in Yorkshire; Gooseberry Mildew; Roots and their Uses; Internal Structure of Stems; How Fruits are made; Mendel's Theory and Orchid Hybrids; Fruit Trees in Pots; Horticulture in Egypt; &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXVII., part 4, 1903, 494 pages, 99 Illustrations. Fungoid Pests; Germination in Amaryllids; Japanese Trees and Shrubs; Mendel's Theory and Wheat Hybrids; Flowering Bulbs; Sir William J. Hooker; Vegetation in Kashmir; Wild Plants and Diseases; Abnormal Flowers; Bulb Extension in Amaryllids; *Cordylina indivisa*; Wasted Opportunities of Fruit Growing; Dietetic Values of Foods; The Engadine in June; Spraying and Packing; Manuring Market Crops; Rose Growing near Towns, &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXVIII., parts 1 and 2, 1903, 418 pages, 75 Illustrations. Fungoid Pests; Ether and Chloroform for Forcing; Little-known Trees and Shrubs; Trees and Shrubs from China; Darwinism and Evolution; Ants, Green Fly, and Scale; Blue Nymphæas; Horticultural Education; Bottling Fruit; Conifers in the Thames Valley; Cape Flora; Show Tulips; Fruit at the Cape; Progress in Horticulture; To protect Cucumbers and Tomatoes from Fungus; Horticulture in New Zealand; Root Growth of Daffodils; &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXVIII., parts 3 and 4, 1904, 606 pages, 128 Illustrations, 3 Coloured Plates. Fungoid Pests; Judging Cactus Dahlias; Vegetables all the year round; Vegetables for Market; The Cooking of Vegetables; Vegetables for Exhibition; Productivity of Seeds; Hardy Ornamental Vines; The Hollyhock; Autumn Raspberries and Strawberries; Size in Flowers, Fruits and Vegetables; Germination of Amaryllideæ; Variation under Wild Conditions; Mediæval Medicine; Pruning of Roses; Rock-garden and Waterside Irises; Hardy Irises; Albinism; Heredity Experiments; Edible Fungi; Plants found near Petropolis; Notes from S. Australia; Meteorological Observations; The Hawaiian Islands; &c. To Fellows, 5s.; non-Fellows, 10s.

Vol. XXIX., parts 1 and 2, 1904, pages, Illustrations, 3 Coloured Plates. Fungoid Pests; Himalayan Rhododendrons; *Primula deorum*, *Shortia uniflora*, *Rhodothamnus Chamæcistus*; Hybridisation of Roses; Variation in *Indigofera sumatrana*; "Hard Seed" in *Indigofera arrecta*. Design in Small Gardens; Heredity; Japanese Garden; Hippeastrums; Apple and Pear Scab; Metamorphoses; Gooseberry Mildew; Nature-study; Oranges; Calanthe disease; Cottage and Allotment Gardens; Electric Heating: Enemies of the Apple; Diseases of the Potato; Pomology; Planting for Autumn and Winter; Centenary of the Society; Far Eastern Maples; &c. To Fellows, 5s.; non-Fellows, 10s.

THE SOCIETY'S HALL.

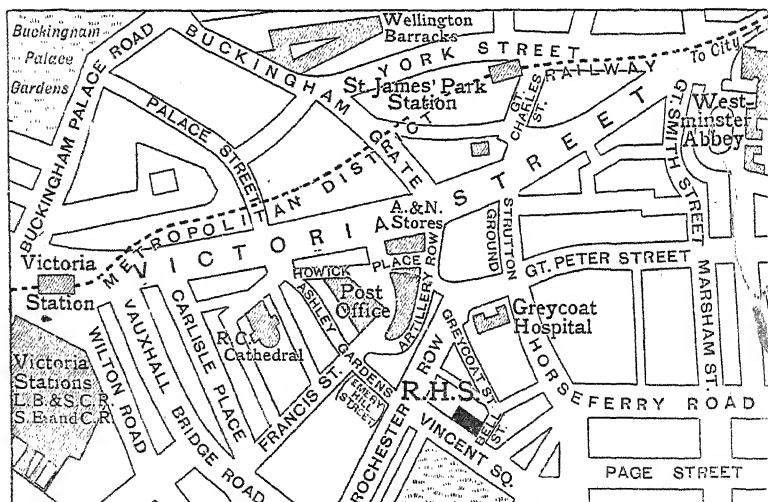
The Royal Horticultural Hall is situated in Vincent Square, Westminster, and is most easily accessible from all parts of London.

Vincent Square is said to be the largest square in the metropolis, being nearly 13 acres in extent, and is in a direct line and exactly midway between the Houses of Parliament and Victoria Station.

The Hall and Offices were built to commemorate the Centenary of the Society which occurred on March 7th, 1904. The Offices, Council Chamber and Library, are on the second floor, with electric lift: the first floor contains the Lecture Room and three Committee Rooms which are always available for letting when not in use by the Society.

The Hall itself, with its annexes, covers a floor space of 13,000 square feet, and is capable of seating 1,600 persons, exclusive of the platform. It is admirably adapted for the Society's purposes being so beautifully lighted, both by day from the vast span of the glass roof and by night with abundance of electric lamps. When not in use by the Society, it also is available for hiring for any large gatherings such as Concerts, Bazaars, Meetings, Balls, Exhibitions and Shows. It has already been used for a large Vocal and Instrumental Concert, and it is satisfactory to know that the acoustic properties were considered to be quite extraordinarily good.

Fellows will greatly help the Society by making it known that the Hall, as well as the Rooms on the first floor, are available for hiring, as the Council hope to defray part of the terribly heavy rates and taxes and other necessary outgoings by letting the premises on days when they are not required by the Society.



POSITION OF THE ROYAL HORTICULTURAL HALL.

CONDITIONS AND REGULATIONS FOR HIRING THE ROYAL HORTICULTURAL HALL.

1. All applications for the use of the Hall or any of the rooms belonging thereto, must be made in writing to the Royal Horticultural Society, on forms to be obtained at the Society's Offices in Vincent Square, Westminster, and must contain full particulars of the purpose or purposes for which the premises are required. The person by whom the Form of Application is signed shall be considered the Hirer in the absence of any express stipulation to the contrary.

2. Every applicant shall, on making application for the use of the Hall or any of the rooms, pay a deposit of 10 per cent. on account of the charges for such user. And, if the application be granted, the balance of such charges shall be paid as follows, namely:—(a) In the case of a hiring for not more than one day the same must be paid upon demand, and no engagement will have been effected until payment has been made. (b) In all other cases a further instalment of 40 per cent. must be paid 14 days at least prior to the first day for or upon which the premises shall be engaged, and the balance at such time or times prior to the termination of the engagement as the Society shall require. None but the Society's printed receipts will be considered valid.

3. If any application be refused, the deposit paid will be forthwith returned to the Applicant.

4. If the Hirer fail to pay any instalment, or the balance of the charges by or before the date prescribed for the payment thereof, the Society shall be at liberty to cancel the engagement and the deposit and any instalments previously paid shall be forfeited to the Society.

5. No public announcement is to be made until the application has been granted, and the premises have been definitely engaged.

6. The premises must not be used for any purposes other than those specified in the application, and no act or thing must be done or permitted in or upon the premises which is not strictly germane to the purposes so specified. The Society shall be the sole judge whether any act or thing done or permitted or proposed to be done or permitted is or is not germane to the purposes so specified.

7. The Gallery over the entrances and exits at the south-east end of the Hall is provided for the use of an Orchestra or Band of Musicians only. It must not under any circumstances be used for the accommodation of the public. The doorway or barrier at the foot of the staircase leading to the Gallery must be kept closed at all times whenever the Hall is in use (except when the Gallery is being used by an Orchestra or Band of Musicians) so as to prevent the public from having access to such staircase or gallery. The Cloakrooms will be in the care and custody of the Hirer, who must provide his own attendants, and be responsible for any mistake or loss that may occur.

8. If more light, warmth, ventilation, or seating or platform accommodation is required than is usually provided, an extra charge will be made.

9. The Hirer must clear the premises hired by him within one hour after the time arranged for the termination of the engagement, as specified in the Form of Application for the hire thereof, and, in the event of any Hirer failing to comply with this condition, a charge of £1 ls. must be paid by the Hirer forthwith for every hour after this time during which the premises shall remain uncleared.

10. The Hirer shall be solely responsible for the preservation of order and shall engage and pay all such attendants and constables as shall be required for that purpose. The Society may nevertheless, if it deem it necessary or desirable to do so (of which the Society shall be the sole judge), engage additional attendants and constables to assist in preserving order, and the Hirer shall repay to the Society any expense incurred in so doing.

11. Should any damage be done to the building or furniture, the expense of making good the same must be defrayed by the Hirer. The Society shall be the sole judge of the damage done and the amount thereof. Any articles belonging to the Society lost or missing from any of the rooms hired during or in connection with any engagement must be paid for by the Hirer. The Society may if it deems fit require a deposit to be paid by the Hirer to meet such expenses, and such deposit will be returned to the Hirer after the termination of the engagement, less the amount (if any) which may be deducted by the Society for such expenses or to make good any articles lost or missing as aforesaid.

12. Nothing shall be affixed to the floors or walls or suspended from the roof or ceiling of the Hall or its annexes or any rooms hired therewith, and no stage fittings or other decorations shall be erected without the consent or approval of the Society.

13. The Society will not be responsible for any damage to or loss of any property, articles or things whatsoever brought or left upon the premises by or for the Hirer, or by or for any person who may enter upon or use the premises by or upon the invitation of the Hirer.

14. The Society reserves to its officers and servants the right to enter at all times. The ticket takers are to be instructed by the Hirer accordingly.

15. No Hirer nor anyone on his behalf or by his permission, nor any person whosoever, shall sell exciseable liquors without the sanction of the Society and without producing to the Secretary of the Society during the office hours of the Society the "Occasional License" obtained for the purpose.

16. No person shall supply refreshments of any kind upon the premises unless his name shall have been first submitted to and approved by the Society or by the Secretary on its behalf.

17. Contractors and others employed to supply decorations, &c., (see Section 12) will be required to remove and clear away all their articles and property within one hour after the termination of the engagement upon notice being given or by ten o'clock in the morning next following the engagement as may be found necessary by the Society and to observe such reasonable instructions as may be given them on behalf of the Society in connection therewith. Hirers are requested to give their Contractors notice accordingly. In the event of any article or property belonging to the Hirer or Contractor being left after the hour named, the Society may have them removed, and the cost of removing the same is to be paid by the Hirer forthwith.

18. No external decorations flags or emblems will be permitted without the sanction of the Society.

19. If the services of the Hall Keeper or other attendant are required by the Hirer, such services must be defined at the time of hiring.

20. The seating accommodation of the premises is limited to the following numbers, namely:—Hall, 1,300; each Annexe, 150; Lecture Room, 175; Council Room, 120; Committee Room No. 1, 80; Committee Room Nos. 2 and 3, 55 each. On no account must any of these numbers be exceeded.

21. Lettings for Bazaars, Exhibitions, &c. will be subject to any further charges or conditions which the Insurance Companies may impose in respect of the extra risk involved, and in no case will lamps or candles be permitted on the stalls or in any of the shows, &c. In the event of the Hall being required prior to 7 a.m. for the purpose of making preparations an extra charge will be made and must be paid on demand.

22. Bazaars, &c. In order to comply with the regulations of the London County Council, applications for the use of the premises for Bazaars, Exhibitions or other similar purposes must be accompanied by a Plan shewing the position of the stalls or stands, gangways, &c., and by a statement as to the proposed construction of the stalls, stands, &c. In the construction of the stalls or structures of a like character, no thin wood lining and divisions may be employed; every such stall or structure which is placed within 5 feet of any other such stall or structure or any part thereof must be restricted to a height of 12 feet, and all roofs or coverings must be of plaster or other fire-resisting material. All the hangings used for draping must be rendered fire-resisting, and special arrangements must be made to the satisfaction of the Council for the extinction of fire.

23. If the Society or its officers have reason to believe that the use of the hired Hall or rooms by any Hirer is likely to lead to any disorder or to anything contrary to sobriety, decency, or good manners, the engagement will be cancelled, and the amount paid in respect thereof will be returned to the Hirer, who shall have no claim against the Society or any of its officers on account of such cancelling of the engagement.

24. In the event of any disorder or anything contrary to sobriety, decency or good manners occurring during the time of the engagement the hall keeper shall have power to eject any offending person or persons.

25. If any Hirer refuse or omit to comply with any of these Conditions and Regulations, or with any instructions conveyed to him by the Secretary of the Society on its behalf, such Hirer and his servants may be excluded from the premises until he comply with the same but without relieving him from his obligations under any Contract or Agreement.

SCALE OF CHARGES.

| | £ | s. | d. |
|---|----|----|----|
| 1. For the HALL and its annexes:— | | | |
| (a) For a Meeting, Concert, Lecture or Entertainment in aid of the funds of any Charitable or Philanthropic Society or Institution, Daytime | 7 | 7 | 0 |
| Half day (9 till 1, or 2 till 6) | 4 | 4 | 0 |
| Evening terminating before midnight | 10 | 10 | 0 |
| (b) For any other purpose:— | | | |
| One day and evening to midnight | 26 | 5 | 0 |
| Per day and evening to midnight in a series | 21 | 0 | 0 |
| Day only, <i>i.e.</i> 9 till 6 | 15 | 15 | 0 |
| Half day (9 till 1, or 2 till 6) | 10 | 10 | 0 |
| Evening terminating before midnight | 15 | 15 | 0 |
| Evening lasting after midnight | 21 | 0 | 0 |
| (c) For rehearsals for Concerts, &c., and for preparing for Bazaars, &c., to take place in the Hall:—Half the above charges. | | | |
| 2. For the LECTURE ROOM:— | | | |
| (a) For a Meeting not exceeding 2 hours in duration between 9 a.m. and 6 p.m. | 3 | 3 | 0 |
| For each additional hour or part of an hour | 1 | 1 | 0 |
| (b) For an evening Meeting not exceeding 2 hours | 4 | 4 | 0 |
| For each additional hour or part of an hour terminating at or before midnight | 1 | 11 | 6 |
| (c) Use of Electric Lantern with Operator.. .. . | 1 | 11 | 6 |
| 3. For the COUNCIL ROOM or COMMITTEE ROOM, No. 3:— | | | |
| (a) For a Meeting by daylight not exceeding 2 hours between 9 a.m. and 6 p.m. | 2 | 2 | 0 |
| For each additional hour or part of an hour | 0 | 10 | 6 |
| (b) For an evening Meeting not exceeding 2 hours | 2 | 12 | 6 |
| For each additional hour or part of an hour terminating at or before midnight | 1 | 1 | 0 |
| 4. For COMMITTEE ROOM, No. 1 or 2:— | | | |
| (a) For Meeting by daylight not exceeding 2 hours between 9 a.m. and 6 p.m. | 1 | 11 | 6 |
| For each additional hour or part of an hour | 0 | 7 | 6 |
| (b) For an evening Meeting not exceeding 2 hours | 2 | 2 | 0 |
| For each additional hour or part of an hour terminating at or before midnight | 0 | 15 | 0 |

The above terms include the usual lighting, ventilating and warming, the arranging and numbering of the usual number of seats, platform in Hall, and suitable Cloak Room accommodation in each case. One turnstile is provided gratis when required, and the use of a second can be obtained for a small fee. Reduced terms will be quoted for the hire of two or more rooms for the same occasion, as well as to Societies desiring to meet at regular intervals; and all the foregoing charges are subject to modification under special circumstances which must be clearly stated in writing.

THE LINDLEY LIBRARY.

TRUSTEES.

J. T. BENNETT-POE, Esq., V.M.H.

Dr. MAXWELL T. MASTERS, F.R.S.

W. CARRUTHERS, Esq., F.R.S.

HARRY J. VEITCH, Esq., F.L.S.

EX-OFFICIO.

Secretary of the Royal Horticultural Society (Rev. W. WILKS, M.A.).

Treasurer of the Royal Horticultural Society (J. GURNEY FOWLER, Esq.).

THIS magnificent Horticultural Library, with which the Society's Library is incorporated, consists of about 4,000 volumes and pamphlets, the latter being very important.

The nucleus of the Library consists of the fine collection of books and pamphlets belonging to the late Dr. Lindley, so long and honourably associated with the Society. These books were purchased by the Trustees with funds accruing from the Great International Horticultural and Botanical Congress held in London in May, 1866. The Library has since been added to by donations from Her Majesty the late Queen Victoria and others, as well as by purchases made both by the Trustees and, in recent years, very extensively by the Society.

It should be remembered that although the Library is the property of the Trustees, it cannot be alienated from the Royal Horticultural Society so long as the Society has its headquarters in, or in the immediate vicinity of, the Metropolis, and that the Treasurer and the Secretary of the Society, for the time being, are *ex-officio* Trustees.

It is a satisfaction to know that at length, and for the first time, this magnificent and unique collection of Horticultural Books is worthily housed. The cost of fitting and furnishing the Library in the Society's new building has been entirely undertaken by that kind and generous friend of the Society, Baron Schröder, who has spared no expense in order to make the room and its equipment worthy of its purposed contents.

Under these circumstances the Trustees and the Council confidently ask the assistance of the Fellows and of the general public. Donations of money, and also of horticultural and botanical books, are earnestly solicited, and may be sent to the Secretary R.H.S., Vincent Square, S.W., from whom the Catalogue of the Library, price 1/0, may also be obtained.

LIBRARY REGULATIONS.

1. The Library is open daily (Sundays and Holidays excepted) from 10 a.m. to 4 p.m. (Saturdays, 10 a.m. to 1 p.m.).

2. The Trustees reserve the right of closing the Library at any time for purposes of re-arrangement, cleaning, &c.

3. The Fellows and Officers of the Society have access to the Library at all times, when it is open.

4. Gardeners and others, not Fellows or Officers of the Society, must make application to the Secretary of the Society for permission to use the Library, and must enter their names and addresses in a book provided for that purpose.

5. Anyone requiring the loan of a Book to be taken from the Library must make written application to the Secretary, and books will be granted on the following conditions, viz. :—

(a.) That the borrower be personally known to one or more of the Trustees or Officers of the Society, or at least shall produce satisfactory references.

(b.) That the borrower sign a receipt for the volumes, before removing them from the premises, in a book provided for that purpose (or by post card if unable to do so in person); undertake to restore the books in good condition, and generally to comply with the regulations laid down by the Trustees.

(c.) That not more than three volumes be lent to one person at the same time.

6. The Trustees will exercise their discretion as to what books shall be lent out, but as a rule unbound periodicals, expensively illustrated works, and works of common reference, which are likely to be in frequent requisition within the Library itself, must not be removed from the premises.

7. All books borrowed must be returned to the Library within one calendar month from the date of issue, but an extension of time may be granted on application.

8. The Secretary is empowered to demand of the borrowers such books as are detained beyond the prescribed time, and to take such steps as may be necessary to secure the prompt return of the same.

9. The loss of any book, or any injury sustained, must be made good by the person who has lost or injured the same.

10. The Trustees reserve the right of repealing or altering any of these regulations from time to time as may be required.

N.B.—The Trustees would be glad to receive donations of Horticultural or Botanical Works for the Library.

SCIENTIFIC COMMITTEE, 1905-1906.

(Established May 5th, 1868.)

CHAIRMAN.

Sir J. D. HOOKER, K.C.S.I., C.B., F.R.S., V.M.H., Sunningdale.

VICE-CHAIRMEN.

FOSTER, Sir MICHAEL, K.C.B., V.M.H., M.P., F.R.S., Great Shelford, Cambridge.

HENSLOW, Rev. Prof. G., M.A., F.L.S., V.M.H., Drayton House, Kenilworth Road, Leamington.

MASTERS, MAXWELL T., M.D., F.R.S., &c., Mount Avenue, Ealing, W.

THISELTON-DYER, Sir WILLIAM T., K.C.M.G., F.R.S., Kew.

CHITTENDEN, F. J., Biological Laboratory, Chelmsford, *Hon. Sec.*

BAKER, F. J., A.R.C.S., Shipley Hills, Meopham, Kent.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BALFOUR, Prof. I.B., F.R.S., V.M.H., Botanic Gardens, Edinburgh.

BATESON, W., M.A., F.R.S., V.M.H., Merton House, Grantchester, Cambs.

BENNETT-POË, JOHN T., M.A., V.M.H., 29, Ashley Place, S.W.

BIDGOOD, J., B.Sc., F.L.S., Saltwell View, Gateshead.

BONAVIA, Dr. E., Westwood, Richmond Road, Worthing.

BOULGER, Prof. G. S., F.L.S., F.G.S., 11, Onslow Road, Richmond, Surrey.

BOWLES, E. A., M.A., F.L.S., F.E.S., Myddelton House, Waltham Cross.

BROWN, Dr. HORACE, F.R.S., 52, Nevern Sqr., Kensington, S.W.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

CHAMPION, G. C., Horsell, Worthing.

CHAPMAN, H. J., The Gardens, Oakwood, Wylam-on-Tyne.

CHURCH, Professor A. H., M.A., D.Sc., F.R.S., Shelsley, Kew Gardens.

COOKE, M. C., V.M.H., M.A., LL.D., 53, Castle Road, Kentish Town, N.W.

DARWIN, FRANCIS, M.B., F.R.S., 30, Kensington Square, W.

DAVIDSON, H. C., Ila Mansion, Sundridge Park, Kent.

DOUGLAS, JAMES, V.M.H., Great Bookham, Surrey.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

DUNCAN, F. MARTIN, 1, Crescent Road, South Park, Reigate.

ELLACOMBE, Rev. Canon, V.M.H., Bitton Vicarage, Bristol.

ELWES, H. J., F.R.S., V.M.H., Colesborne, Cheltenham.

ENGLEHEART, Rev. G. H., M.A., F.S.A., V.M.H., Little Clarendon, Dinton, Wilts.

FARMER, Prof. J. B., M.A., Royal College of Science, S. Kensington.

FEASER, JOHN, 4, Willow Cottages, Kew.

GODMAN, F. DUCANE, F.R.S., 10, Chandos Street, Cavendish Sq.

GORDON, GEORGE, V.M.H., Endsleigh, Priory Park, Kew.

GROOM, Professor PERCY, F.L.S., Hollywood, Egham.

GÜSSOW, HANS T., 44, Central Hill, Norwood.

- HARTOG, Professor, D.Sc., M.A., Queen's College, Cork.
 HENNESSY, A., B.A., B.Sc., Board of Education, South Kensington.
 HENRY, Dr., Royal Gardens, Kew.
 HOLMES, E. MORELL, F.L.S., Ruthven, Sevenoaks.
 HOOPER, OECIL, H., Church House, Shoreham, Nr. Sevenoaks.
 HOUSTON, D., F.L.S., Royal College of Science, Stephen's Green, Dublin.
 HURST, C. C., Burbage Grove, Hinckley.
 IM THURN, E. F., C.B., The Queen's House, Colombo, Ceylon.
 KEEBLE, F., M.A., University College, Reading.
 LINDSAY, R., Kaimes Lodge, Murrayfield, N.B.
 LLEWELYN, Sir J. T. D., Bart., D.L., F.R.S., F.L.S., Penllergaer, Swansea.
 LYNCH, R. IRWIN, A.L.S., Botanic Gardens, Cambridge.
 MASSEE, GEORGE, F.L.S., V.M.H., Gateacre, Sandycombe Road, Kew.
 MAWLEY, ED., V.M.H., Rosebank, Berkhamsted.
 MICHAEL, A. D., F.L.S., 9, Cadogan Mansions, Sloane Sq., S.W.
 MORRIS, Sir DANIEL, K.C.M.G., M.A., F.L.S., D.Sc., Imperial Agricultural Department for the West Indies, Barbados.
 MÜLLER, HUGO, Ph.D., F.R.S., 13, Park Square East, Regent's Park.
 MURRAY, GEORGE, F.R.S., Natural History Museum, S.W.
 NEWSTEAD, ROBERT, F.E.S., Grosvenor Museum, Chester.
 NICHOLSON, GEO., A.L.S., V.M.H., 87, Larkfield Road, Richmond.
 O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill.
 ODELL, J. W., The Grove, Stanmore, Middlesex.
 OLIVER, F. W., D.Sc., F.L.S., 2, The Vale, Chelsea, S.W.
 PERCIVAL, Professor JOHN, University College, Reading.
 PLOWRIGHT, C. B., F.L.S., 7, King Street, King's Lynn.
 RENDLE, Dr. A. B., Natural History Museum, S.W.
 RUSSELL, W. J., F.R.S., Ph.D., 34, Upper Hamilton Terrace, N.W.
 SALMON, ERNEST S., Charlton House, Kew.
 SAUNDERS, GEO. S., F.L.S., F.E.S., 20, Dents Road, Wandsworth, S.W.
 SCOTT, D. H., M.A., Ph.D., F.R.S., F.L.S., The Old Palace, Richmond, Surrey.
 SCOTT-ELLIOT, Prof. G. F., M.A., B.Sc., F.L.S., Newton Dumfries.
 SHEA, CHARLES E., The Elms, Foots Cray, Kent.
 SMITH, WILLIAM G., Ph.D., Yorkshire College, Leeds.
 SMITH, WORTHINGTON G., F.L.S., 121, High Street, Dunstable.
 SUTTON, ARTHUR W., F.L.S., V.M.H., Reading.
 VEITCH, H. J., F.L.S., 34, Redcliffe Gardens, South Kensington.
 VOELCKER, Dr. J. A., M.A., F.I.C., 22, Tudor Street, New Bridge Street, E.C.
 WALKER, A. O., Ulcombe Place, near Maidstone.
 WARD, Prof. MARSHALL, F.R.S., Botanical Laboratory, Cambridge.
 WORSDELL, W. C., Jodrell Laboratory, Royal Gardens, Kew.
 WORSLEY, A., Mandeville House, Isleworth.

NOTE.—Members of the Council are Members of all the Committees.

FRUIT & VEGETABLE COMMITTEE, 1905-1906.

(Established May 7th, 1858)

CHAIRMAN.

BUNYARD, GEO., V.M.H., Maidstone, Kent.

BALDERSON, H., Corner Hall, Hemel Hempstead.

PEARSON, A. H., The Hut, Lowdham, Notts.

ROLLIT, SIR ALBERT, M.P., 45, Belgrave Square, S.W. } VICE-CHAIRMEN

WRIGHT, S. T., R.H.S. Gardens, Wisley, Ripley, Surrey, *Secretary*.

ARNOLD, J., The Park Gardens, Cirencester,

BASHAM, J., Fair Oak, Bassaleg, Newport, Mon.

BATES, W., The Gardens, Cross Deep, Twickenham.

BECKETT, E., Aldenham House Gardens, Elstree.

CHEAL, JOSEPH, Lowfield, Crawley, Sussex.

COOMBER, T., The Hendre Gardens, Monmouth.

CRUMP, W., V.M.H., Madresfield Court Gardens, Malvern.

DEAN, A., V.M.H., 62, Richmond Road, Kingston, S.W.

DIVERS, W. H., Belvoir Castle Gardens, Grantham.

FOSTER, C., University College, Reading.

FYFE, W., Lockinge Park Gardens, Wantage.

GIBSON, J., Glenmore, Evesham Road, Norbiton,

GOODACRE, J. H., Elvaston Castle Gardens, Derby.

JAKES, J., Pound Street, Wendover, Tring.

KELF, GEO., The Gardens, South Villa, Regent's Park, N.W.

LANE, FRED. Q., Berkhamsted.

LYNE, J., The Gardens, Foxbury, Chislehurst.

MACKELLAR, A., Royal Gardens, Windsor.

MARKHAM, H., Wrotham Park Gardens, High Barnet.

MCINDOE, JAMES, V.M.H., 8, Hythe Street, Dartford.

MELVILLE, A., Moulton Paddock Gardens, Newmarket.

MELVILLE, BERESFORD V., Ford Manor, Lingfield.

MORTIMER, S., Rowledge, Farnham, Surrey.

NORMAN, G., V.M.H., Hatfield House Gardens, Hatfield.

PARR, H., Trent Park Gardens, New Barnet.

POPE, W., Highclere Gardens, Newbury.

POUPART, W., Marsh Farm, Twickenham.

REYNOLDS, G., The Gardens, Gunnersbury Park, Acton, W.

RIVERS, H. SOMERS, Sawbridgeworth.

THOMAS, OWEN, V.M.H., 25, Waldeck Road, Ealing.

VEITCH, J. H., F.L.S., King's Road, Chelsea.

VEITCH, P. C. M., J.P., New North Road, Exeter.

WILLARD, JESSE, Holly Lodge Gardens, Highgate, N.

WOODWARD, G., Barham Court Gardens, Teston, Maidstone.

WRIGHT, H. J., 32, Dault Road, Wardsworth, S.W.

WYTHES, G., V.M.H., Syon House Gardens, Brentford.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

FLORAL COMMITTEE, 1905-1906.

(Established June 24th, 1859.)

CHAIRMAN.

MARSHALL, WILLIAM, Auchinraith, Bexley.

BENNETT-POË, J. T., V.M.H., 29, Ashley Place S.W.

MAY, H. B., Dyson's Lane, Edmonton.

PAUL, GEORGE, J.P., V.M.H., Cheshunt.

SHEA, CHARLES E., The Elms, Foots Cray.

VICE-
CHAIRMEN.

BAIN, W., The Gardens, Burford Lodge, Dorking.

BAKER, W. G., Botanic Gardens, Oxford.

BARNES, N. F., Eaton Gardens, Chester.

BARR, W., 12, King Street, Covent Garden, W.C.

BLICK, CHAS., The Gardens, Warren House, Hayes, Kent.

COOK, E. T., 24, Addison Road, Bedford Park, Chiswick.

CUTRUSH, H. J., Highgate, N.

CUTHBERTSON, W., Dobbies Farm, Marks Tey, Colchester.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing, W.

DIXON, C., Holland House Gardens, Kensington.

DRUERY, C. T., F.L.S., V.M.H., 11, Shaa Road, Acton, W.

FIELDER, C. R., The Gardens, North Mymms Park, Hatfield.

GORDON, G., V.M.H., Endsleigh, Priory Park, Kew.

GREEN, JOHN, Norfolk House, Dereham.

HOWE, W., Park Hill Gardens, Streatham Common.

JAMES, W. J., Woodside, Farnham Royal, Slough.

JEFFRIES, C., 47, Whitestile Road, Brentford.

JENKINS, E. H., Queen's Road, Hampton Hill, Middlesex.

JENNINGS, J., Ascott Gardens, Leighton Buzzard.

JONES, H. J., Ryecroft Nursery, Elither Green, Lewisham.

KER, R. WILSON, Basnett Street, Liverpool.

MCLEOD, J., Dover House Gardens, Roehampton.

MAWLEY, E., V.M.H., Rosebank, Berkhamsted.

MOLYNEUX, E., V.M.H., Swanmore Pk. Gdns., Bishops Waltham.

NICHOLSON, G., V.M.H., 37, Larkfield Road, Richmond.

NIX, JOHN ASHBURNER, Tilgate, Crawley.

NOTCUTT, R. C., Woodbridge, Suffolk.

PAGE-ROBERTS, Rev. F., Strathfieldsaye Rectory, Mortimer, Berks.

PEARSON, C. E., Chilwell Nurseries, Lowdham, Nottingham.

PEARSON, R. HOOPER, 40, Brocklebank Road, Earlsfield, S.W.

PERRY, AMOS, Hardy Plant Farm, Winchmore Hill, N.

REUTHE, G., St. Helena, Crown Lane, Bromley.

SALTER, C. J., Woodhatch Gardens, Reigate.

THOMSON, W. P., 25, Bollo Lane, Chiswick, W.

TURNER, H., V.M.H., Royal Nurseries, Slough.

WALKER, J., The Farm, Ham Common, Surrey.

WALLACE, R. W., Kilnfield Gardens, Colchester.

NOTE.—Nine Members form a quorum. Members of the Council are
Members of all the Committees.

ORCHID COMMITTEE, 1905-1906.

(Established March 26th, 1889.)

CHAIRMAN.

FOWLER, J. GURNEY, Glebe Lands, South Woodford.

VICE-CHAIRMEN.

VEITCH, HARRY J., F.L.S., 34, Redcliffe Gardens, South Kensington.

COOKSON, NORMAN C., Oakwood, Wylam-on-Tyne.

SCHRÖDER, Baron Sir HENRY, Bart., V.M.H., The Dell, Staines.

O'BRIEN, JAMES, V.M.H., Marian, Harrow-on-the-Hill, *Hon. Sec.*

ASHTON, F. W., Southgate, N.

ASHWORTH, ELIJAH, Harefield Hall, Wilmslow, Cheshire.

BALLANTINE, H., The Dell Gardens, Staines.

BILNEY, W. A., Fir Grange, Weybridge.

BOLTON, W., Wilderspool, Warrington.

BOND, T. W., Elstead House Gardens, Godalming.

BOXALL, W., V.M.H., 186, Brook Road, Upper Clapton.

BROOMAN-WHITE, R., Arddarroch, Garelochhead, N.B.

CHAPMAN, H. J., The Gardens, Oakwood, Wylam-on-Tyne.

CHARLESWORTH, J., Heaton, Bradford.

COLMAN, JEREMIAH, Gatton Park, Reigate, Surrey.

COBB, W., 33, Broadwater Down, Tunbridge Wells.

CRAWSHAY, DE BARRI, Rosefield, Sevenoaks.

DOUGLAS, JAMES, V.M.H., Edenside, Great Bookham.

GLEESON, M., 4, High Street, Watford, Herts.

HISLOP, A., Bletchley Park Gardens, Bletchley.

LITTLE, H., Baronshalt, The Barons, E. Twickenham.

MACBEAN, A. A., Cooksbridge, Sussex.

MOORE, F. W., V.M.H., Botanic Gardens, Glasnevin, Dublin.

MOORE, G. F., Chardwar, Bourton-on-the-Water, Glos.

MORRIS, H. G., 68, Cheapside, E.C.

ODELL, J. W., The Grove, Stanmore, Middlesex.

PITT, H. T., Rosslyn, 57, Stamford Hill, N.

POLLETT, H. M., Fernside, Bickley, Kent.

POTTER, J. WILSON, Elmwood, Park Hill Road, Croydon.

SANDER, F., V.M.H., St. Albans.

THOMPSON, W., Walton Grange, Stone, Staffs.

THORNE, F. J., The Gardens, Sunningdale Park, Berks.

THWAITES, R. G., 23, Christchurch Road, Streatham Hill.

TRACY, H. A., Amyand Park Road, Twickenham.

WELLESLEY, FRANCIS, Westfield, Woking.

WHITE, W. H., Burford Lodge Gardens, Dorking.

YOUNG, W. H., Clare Lawn Gardens, East Sheen, S.W.

NOTE.—Nine Members form a quorum. Members of Council are
 Members of all the Committees.

NARCISSUS & TULIP COMMITTEE, 1905-1906.

(Established 1885.)

CHAIRMAN.

H. B. MAY, Dyson's Lane, Edmonton.

VICE-CHAIRMEN.

BAKER, J. G., F.R.S., V.M.H., 3, Cumberland Road, Kew.

BENNETT-POE, JOHN T., V.M.H., 29, Ashley Place, S.W.

ENGLEHEART, Rev. G. H., V.M.H., Little Clarendon, Dinton.

CURTIS, C. H., 68, Whitestile Road, Brentford, *Hon. Sec.*

BARR, R., 12, King Street, Covent Garden, W.C.

BOSCAWEN, Hon. J., Tregye, Perranwell, Cornwall.

BOURNE, Rev. S. E., Dunston Vicarage, Lincoln.

BOWLES, E. A., M.A., F.L.S., Myddelton House, Waltham Cross.

BURBIDGE, F. W., M.A., V.M.H., Trinity College Gardens, Dublin.

COPELAND, W. F. M., Kibblestone Hall, Stone, Staffs.

COWAN, C. W., Dalhousie Castle, Bonnyrigg, Midlothian.

CROSFIELD, E. M., Little Acton, Wrexham.

DEAN, R., V.M.H., 42, Ranelagh Road, Ealing.

DIGBY, Rev. C., Warham Rectory, Wells, Norfolk.

FOSTER, Sir Michael, K.C.B., V.M.H., Great Shelford, Cambs.

FOWLER, Rev. Canon, Early Vicarage, Reading.

GOLDRING, W., 28, Kew Gardens Road, Kew.

GOODWIN, A. R., The Elms, Kidderminster.

HALL, A. D., The Oast House, Harpenden.

HARTLAND, W. B., 24, Patrick Street, Cork.

KINGSMILL, A., The Holt, Harrow Weald, Stanmore.

MACMICHAEL, Rev. C., Walpole Rectory, Wisbech.

MARSH, Rev. T. H., Cawston Rectory, Norfolk.

MILNER, W. A., Totley Hall, Sheffield.

MOORE, F. W., V.M.H., Royal Botanic Gardens, Glasnevin, Dublin.

PEARSON, J. DUNCAN, Chilwell Nurseries, Lowdham, Notts.

POPE, J., The Ericas, King's Norton.

POUPART, W., Marsh Farm, Twickenham.

REUTHER, G., S. Helena, Crown Lane, Bromley.

SCRASE-DICKINS, C. R., Coolhurst Park, Horsham.

SMITH, J. A. DORIEN, Tresco Abbey, Scilly.

SYDENHAM, R., 190, Bristol Road, Birmingham.

TITHERADGE, G. T., 3, Birch Grove, Acton, W.

WALKER, JAMES, The Farm, Ham Common, Surrey.

WALLACE, R., Kilnfield Gardens, Colchester.

WARE, WALTER T., Inglescombe, near Bath.

WILMOTT, Miss, V.M.H., Warley Place, Great Warley, Essex.

YOUNG, H. B., Metheringham Manor, near Lincoln.

NOTE.—Members of the Council are Members of all the Committees.

The Committee will meet at 12 o'clock on March 14th, 28th, May 9th, and 23rd; and at 11.30 on April 11th and 25th.

REGULATIONS FOR THE STANDING COMMITTEES.

AND FOR INTENDING EXHIBITORS, 1905-1906.

See also pages 65-67, and page 85,

THE objects of the Committees are:—(1) To encourage the production of new and improved varieties of Fruits, Flowers, Decorative Plants, and Vegetables, by examining and reporting upon the merits of such as may be submitted to them for the purpose. (2) To collect and disseminate trustworthy information respecting the adaptability of particular kinds of Fruits, Flowers, and Plants to the varied conditions of soil, locality, &c., throughout the United Kingdom. (3) To report, for publication in the *Journal* of the Society (see page 36), on all Fruits, Flowers, Plants, and Vegetables grown in the Society's Gardens at Wisley, for the purposes of comparison or experiment, and on objects exhibited at the Meetings.

Plants, &c., formerly in cultivation, but which have since been neglected or lost, or from their extreme rarity are little known, may be regarded as novelties.

NOTE.—Fellows of the Society are requested to send any matters for inquiry to the Meetings of the Scientific Committee, such as instances of diseases of, or injuries to plants, caused by insects or otherwise; and any other subjects of Horticultural or Botanical interest. The specimens will be referred, if necessary, to experts, and as full reports as possible will be published in the Society's *Journal*, or forwarded to the senders. All such communications should be addressed "To the Secretary of the Scientific Committee, Royal Horticultural Society, Vincent Square, Westminster," and should, if possible, reach the Society's Office not later than the day preceding the Meeting.

The Committees will meet at the places and hours, and on the days specified on pages 68, *et seq.*; there will also be special Meetings at Wisley as often as may be necessary. The Quorum shall in all cases be 9 (except—see Rule 15, page 60).

1. ALL PERSONS, WHETHER FELLOWS OF THE SOCIETY OR NOT, are invited to exhibit noteworthy objects at the Committee Meetings, AND TO CONTRIBUTE TOWARDS THE COLLECTIONS AT WISLEY.

2. Exhibitors of groups and collections must give notice to the Secretary, at the Royal Horticultural Hall, Vincent Square,

Westminster, S.W., not later than the Friday before, of their desire to exhibit, and must, at the same time, state the nature of their proposed exhibit, and how much space it will occupy; this must in no case exceed 100 square feet. (Except—see Rule 4.)

3. Exhibits entered separately for the separate committees will be considered distinct, but not more than 100 square feet of table space can be allowed for each; that is to say, an exhibitor may stage 100 feet of fruit, 100 feet of orchids, and 100 feet of Floral Committee plants and flowers; but each group must be separately staged and consist exclusively of fruit, orchids, and hardy or tender plants or flowers, respectively—not mixed together, excepting only that small decorative foliage plants may be used amongst orchids and fruit, if desired.

4. The limit of 100 square feet does not apply to large plants placed on the floor; special arrangements should be made beforehand for such plants with the Superintendent.

5. All Fruits or Flowers sent by rail or post must be sent carriage paid and at the risk of the sender, addressed to the Secretary, at the Royal Horticultural Hall, Vincent Square, Westminster, S.W. A separate advice by post card or letter must be sent at the same time. Unless this regulation be complied with, the risk of parcels going astray will be greatly increased.

6. Each object must be separately entered with the Secretary of the Committee **before 11.30 a.m.** on the day of the Meeting. (For removal, see pp. 66 and 84.) If submitted for Certificate, they must be placed on a special table reserved for Certificate plants, and not be mixed up in groups. The following particulars should be communicated *in writing*.—(1) The name and postal address of the owner. (2) The name of the Fruit, Flower, Plant, or Vegetable, and in the case of Seedlings, particulars as to parentage and date of raising should be given if possible. (3) Name of the raiser or importer. (4) If an importation, the name of its native country should be added. Seedlings, &c., sent without name will receive no award.

7. Exhibitors are requested to communicate, *in writing*, such further details of the origin, history, introduction or peculiarities of their exhibits as they may think interesting for publication. If these are legibly written on cards sent with the exhibits, it will greatly add to the interest which will be felt by the Fellows who attend to inspect them.

8. When the merits of anything exhibited by a Member of the Committee are under discussion, such Member shall leave the table until the Committee have arrived at a decision.

9. All Fruits sent must be ripe, or in such a condition that their qualities may be fairly reported on. A sufficient sample must be sent for tasting, and to admit of a correct description being drawn up; and in the case of Apples, Pears, Stone Fruits and Tomatos, *not less* than six must be shown.

In the case of Florists' Flowers, *three blooms at the least* must be sent; and in all practicable cases, the growing Plant will also be required; but cut specimens, if sufficient, will be admissible when the habit of the plant is well known. Every object exhibited, however, must be sufficient in quantity or number to enable the Committee to form a fair opinion of its merits.

In recommending *First Class Certificates or Awards of Merit* to Cut Flowers, artificial "dressing," supports, &c., should be taken into account by the Committees in making their awards. This applies not only to Roses, Chrysanthemums, Carnations, and Dahlias, but to all flowers.

Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly consent to their Flowers being painted if they obtain any Award, and that they will give the Society's Artist all reasonable facilities.

10. Exhibitors will greatly facilitate the work of the Committees by sending specimens or collections of known varieties to serve as references, and for comparison with the novelties.

All collections of Fruit are however limited to 100 dishes or baskets; and all the dishes or baskets must be of distinct varieties of Fruit, no duplicates being allowed. A dish of Apples and Pears, consists of 6 Fruits—no more and no less.

11. The Society's Officers will on an emergency unpack and stage Flowers and Fruit when notified beforehand of their coming and of the owner's inability to accompany them, but in no case can the Society undertake or be responsible for the re-packing and return of any exhibits.

12. When necessary, newly imported Plants will be referred to the Scientific Committee, that they may be correctly named. All such specimens should be accompanied with as accurate information as possible as to the countries from which they have been introduced.

13. Fellows having represented to the Council the difficulty they find in identifying the attendants in charge of the different trade Exhibits at the Society's Meetings, the Council have caused a badge to be prepared which it is requested that attendants may be always provided with. These badges can be obtained at very small cost by applying at the Society's offices. Only the authorized form of badge will be allowed.

14. Two general forms of award will be made by the Council, viz. :—"THE FIRST CLASS CERTIFICATE" and "THE AWARD OF MERIT," or in *quite exceptional* cases, Gold, Silver, or Bronze Medals may be awarded for objects of *extraordinary* merit.

The Committees will recommend awards to be made according to their merits to very superior seedlings or novelties, or to recently introduced, reintroduced, or very rare objects, or to highly decorative plants, or to other objects of great excellence which have been hitherto overlooked or ignored. In the case of plants commonly grown from seed every year, the award will be made to the "strain" and not to individual plants. "*Cultural Commendation*" will be given for objects evincing highly meritorious cultivation.

15. If when summoned to meet at Wisley to examine growing plants, &c., there is found not to be a sufficient Quorum of 9, the Committees may, if five members are present, award X X X and X X, signifying "HIGHLY COMMENDED" and "COMMENDED." And the Superintendent of the Gardens is directed to bring forward plants, &c., so distinguished, at the next (or nearest possible) General Meeting of the Society at Vincent

Square or elsewhere, in order that they may, if still thought deserving, receive First Class Certificate or Award of Merit.

16. The Award made under the preceding rule will be given (as all the Society's Awards are made) to the *plant, &c.*, in question, and the custody of the Certificate or other Award will vest in the person sending the plant, &c., to Wisley for trial.

17. On the occasion of Special Shows being held in connection with the Society's fortnightly meetings, the Committees are requested not to recommend an award to any exhibit which follows closely on any class under the Special Society's schedule; such exhibits must be entered with the Special Society.

18. When at the Meeting of any of the Standing Committees the recommendation of any award has been proposed and put to the vote, it shall not be considered to have been "carried" unless the number of votes cast in its favour shall be at least double the number recorded against it.

19. A record will be kept and published in the Society's *Journal* of the number of Members present at each Meeting of the Committees, and also of the number voting for or against the recommendation of any award.

20. No Award will be made to Potatos, Peas, and similar vegetables unless previously tested in the Society's Gardens at Wisley, as to their cropping qualities and distinctive merits. All objects must be named, as a means of future identification. Seedling or New varieties of Fruits and Vegetables sent to Wisley for trial shall be limited to six varieties of any one kind from any one raiser in each year. This rule does not apply to established varieties sent to the Gardens for comparison.

21. All Fruits, Flowers, Vegetables and Plants sent to the Society's Gardens for trial will be submitted for the opinion of the Committees, and the result published in the Society's *Journal*.

NOTE.—With a view to enhance the value of the Society's Awards, and in the interest of the most really meritorious objects, the Council advise the Committees to consider whether it would not be possible and wise to reduce the number of their recommendations for the Society's "First Class Certificate" and the "Award of Merit."

THE VEITCHIAN CUP.

In order to celebrate the Jubilee of the establishment of a business in London (Mr. James Veitch, Junr. having come to Chelsea in 1853), Messrs. James Veitch & Sons, Ltd. in 1904 presented to the Society Five Silver Gilt Cups, of the value of 55 guineas each; each Cup being further enclosed in a Massive Oaken Case, costing £3 3s.

The Cups are of Silver Gilt with cover, and are of Grecian design, with handles formed of intertwining snakes and a button on the cover of Acanthus leaves and flower. The height is $14\frac{3}{4}$ inches and the width $11\frac{1}{2}$ inches. They have been specially designed for Messrs. Veitch by Messrs. Johnson, Walker & Tolhurst, of 80, Aldersgate Street, E.C., Cup makers to the Royal Horticultural Society.

It has been arranged that one Cup shall be awarded each year to the best individual exhibit in the opinion of Special Judges at the Temple Shows of 1904, 1905, 1906, 1907, and 1908, or any other leading Show held under the direction of the Society as the Council may from time to time determine.

The successful exhibit may be either a single plant or a group, a novelty, or an example of culture, but in either case it should be the most striking and advanced effort of Horticulture quite apart from effective staging.

Each Cup will become the property of the Winner of that year, who will be required to make a declaration that the exhibit is his own property and has all been cultivated by him for at least fourteen days previous to the Show.

The Judges are to be seven—three amateurs, two gardeners and two nurserymen or seedsmen—to be selected by the Council.

No exhibitor can win more than one Cup.

In 1904 it was awarded at the Temple Show to Messrs. William Paul of Waltham for an exhibit of Roses.

In 1905 it will be again awarded at the Temple Show on Tuesday, May 30th.



THE VEITCHIAN CUP OF SILVER GILT.

THE SHERWOOD SILVER CUP.

FOUNDED 1898.

N. N. Sherwood, Esq., F.R.H.S., V.M.H., having signified his intention of giving a Silver Cup annually of the value of £10 10s., and having left to the Council the decision as to what it shall be given for, it was decided in 1898 to offer it for "Annuals arranged so as to show their decorative value" when it was won by Messrs. James Veitch & Sons of Chelsea.

In 1899 it was offered for "Vegetables" when it was won by the Rt. Hon. Lord Aldenham, Elstree; Gardener, Mr. E. Beckett.

In 1900 it was offered for "Apples and Pears," when it was won by Roger Leigh, Esq., Maidstone; Gardener, Mr. Geo. Woodward.

In 1901 it was offered for the best collection of Orchids shown by an Amateur at the Temple Show in a space not exceeding 100 square feet when it was won by Sir Frederick Wigan, Bart.; Gardener, Mr. W. H. Young.

In 1902 it was offered for the best collection of Hardy Ornamental Trees and Shrubs at the Temple Show, when it was won by Messrs. Fisher, Son & Sibray, of Handsworth, Sheffield.

In 1903 it was offered for the best collection of Vegetables shown by an Amateur in a space occupying not more than 50 square feet, when it was won by the Rt. Hon. Lord Aldenham, Elstree; Gardener, Mr. E. Beckett.

In 1904 it was offered for "Roses" at the Holland House Show, when it was won by Messrs. Paul & Son, Cheshunt.

In 1905 it is offered at the British Fruit Show, October 10th.

The attention of intending Exhibitors is particularly directed to the Society's "Rules for Judging."

Notice of intention to compete for the *Cup*, must be sent to the R. H. S. Secretary, Vincent Square, Westminster, S.W., eight days before the Competition takes place.

FRUIT, FLORAL AND ORCHID MEETINGS
AND SHOWS,
IN THE
ROYAL HORTICULTURAL HALL, VINCENT SQUARE,
WESTMINSTER, S.W.
1905-1906.

IMPORTANT NOTICES TO EXHIBITORS AT THE
FORTNIGHTLY MEETINGS.

1. The following dates have been fixed by the Council, who reserve to themselves the right to abrogate, alter or add to the list in any way that may from time to time seem to them for the interest of the Society.

2. All persons, whether Fellows of the Society or not, are at liberty to exhibit, unless specially excluded by any particular schedule.

3. No entrance fee or charge for space is made to exhibitors of plants, fruit, flowers or vegetables; tabling, plates and stone-ware jars are also provided free of expense.

4. For exhibits of Horticultural Sundries, a charge of 10s. is made for any space up to 4 by 3 ft. and 2s. 6d. a foot run for all further space.

5. Notice of desire to exhibit groups or collections, must be despatched not later than the Thursday post before the Meeting, see page 57, § 2.

6. Flowers, Fruits, &c., **for Certificate**, may be entered on the day of the Meeting, but such entry must be given to the Clerk of the Committee **before** 11.30 a.m., see page 58, Section 6.

7. Exhibitors entering Orchids for Certificate must understand that by so doing they tacitly give their consent to their flowers being painted (by an Artist approved by the Council) for the use of Committee, if they obtain any Award, and that they further agree to render the Artist all reasonable facility for doing the work.

8. Exhibits may if desired be consigned direct to the Society, at Vincent Square, Westminster, and the Society's officials will stage them, but the Society can in no case undertake to repack and return such exhibits.

9. Exhibitors may begin staging on the Monday before the Fortnightly Meetings from noon till 8 p.m., after which time all persons must leave, the Hall will be closed, and no goods can under any circumstances be admitted into the building. Staging can be resumed at 6.30 a.m. on the Tuesday.

10. Exhibitors are required to empty the water from flower vases, &c. down one of the sinks at the Bell Street end of the Hall. Buckets are provided for this purpose, and the Council reserve to themselves and their officials the right to immediately remove anyone contravening this Regulation, and to refuse any exhibits in future from any firm, whose agents continue to spill water on the floor.

11. All men employed in staging and removing exhibits, must be provided with the exhibitors' official badge or they will be refused re-admission.

12. No exhibits may be removed from the Hall until after the close of the Show without special permission in writing from the Secretary. The Superintendent and the doorkeepers are instructed to see that this rule is observed.

13. The Shows are mostly single-day shows, and close at 6 p.m., save in January, February, November and December, when they close at 5 p.m., but the Council reserve the right to alter these times on occasion.

14. The Fruit, Vegetable, Orchid, Narcissus and Tulip Committees meet punctually at 12 noon to inspect the exhibits, and to recommend awards for the consideration of the Council which sits at 1.30 p.m. For exceptions to this see pages 70-82.

15. The Council grant Certificates and Medals to any deserving exhibits after due consideration of the recommendations of the several Committees.

16. Judging will as far as possible be conducted in accordance with the principles laid down in the Royal Horticultural Society's "1899 Code of Rules for Judging." Other Regulations and Directions will be found at pages 57-61 and page 85.

17. The Scientific Committee sits at 4 p.m., after each of the Fortnightly Meetings, to consider and report upon any new or curious plants, diseases, pests, inventions, and other objects of horticultural interest and value. The Committee is composed of eminent men of science most of them possessing practical knowledge of gardening as well, and they are at all times ready to report and advise on plant diseases, peculiarities and sports. The subjects thus dealt with include botany, entomology, bacteriology, chemistry, morphology, &c. Fellows are therefore strongly urged to send specimens, with explanatory notes, of any new plants, or of insect and fungoid attacks or of any other troubles which they may experience with a view to receiving the best possible advice on the subject. Objects to be submitted to the Scientific Committee should reach Vincent Square before 3 p.m. on the Fortnightly Meetings.

NOTES TO FELLOWS.

18. Fellows of the Society shewing their passes, and those presenting Fellows' Transferable Tickets are admitted to the Fortnightly Shows at 1 p.m.; the general public at 2 p.m. on payment of 2s. 6d.

19. A General Meeting of the Fellows is held in the Lecture Room at every Fortnightly Meeting at 3 p.m., when new Fellows are elected, and a lecture (frequently illustrated with lantern slides) is usually given on some topic of horticultural interest.

20. A reminder of every Meeting and Show will be sent in the previous week to any Fellow who will send to the Secretary 26 stamped post cards fully addressed to himself.

TUESDAY, JANUARY 3rd, 1905.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, JANUARY 24th.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by the
 Assistant Secretary on German Methods of Fruit
 Preserving.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, FEBRUARY 14th.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. **ONE HUNDRED AND FIRST ANNUAL
 MEETING** to receive the Report of the Council for the
 year 1904, and for the election of Council, Officers,
 New Fellows, &c.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, FEBRUARY 28th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Hon. J. H. Turner on Fruit Growing in British Columbia;
 Lantern Slides.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, MARCH 14th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by Rev.
 Prof. Henslow, V.M.H., on Bud Variation; Lantern Slides.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, MARCH 28th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral, Orchid and Narcissus Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. Frank Pink on Bananas.
 * 4 p.m. Scientific Committee Meeting.
-

THURSDAY and FRIDAY, MARCH 30th and 31st, 1905.

SHOW OF COLONIAL-GROWN FRUIT.

N.B.—The Staging MUST be finished by 4 p.m. on Wednesday, March 29th, as there will be a Press private view at 5 p.m.

Awards will be made in Classes 2—24 only when staged separately from Class 1, and not when included in it.

The Colony in which the Fruit has been grown must in all cases be stated.

The Committees will not meet on this occasion.

DIVISION I.—COLONIAL GROWN FRUIT.

CLASS.

1.—COLLECTION OF FRUIT.

Such things as Yams and Sweet Potatoes may be included.

Medals or other Prizes at the discretion of the Council.

2.—COLLECTION OF APPLES (DESSERT).

Medals or other Prizes at the discretion of the Council.

3.—COLLECTION OF APPLES (COOKING).

Medals or other Prizes at the discretion of the Council.

4.—COLLECTION OF PEARS.

Medals or other Prizes at the discretion of the Council.

5.—PINE APPLES.

Medals or other Prizes at the discretion of the Council.

6.—BANANAS.

Medals or other Prizes at the discretion of the Council.

7.—MANGOS.

Medals or other Prizes at the discretion of the Council.

8.—GRAPES.

Medals or other Prizes at the discretion of the Council.

9.—ORANGES.

Medals or other Prizes at the discretion of the Council.

10.—LIMES AND LEMONS.

Medals or other Prizes at the discretion of the Council.

11.—SHADDOCKS, POMELOS & OTHER LIKE FRUITS.

Medals or other Prizes at the discretion of the Council.

12.—PEACHES AND NECTARINES.

Medals or other Prizes at the discretion of the Council.

13.—PLUMS.

Medals or other Prizes at the discretion of the Council.

14.—MELONS.

Medals or other Prizes at the discretion of the Council.

15.—TOMATOS.

Medals or other Prizes at the discretion of the Council.

16.—NUTS.

Medals or other Prizes at the discretion of the Council.

17.—ANY OTHER COLONIAL GROWN FRUITS.

Medals or other Prizes at the discretion of the Council.

DIVISION II.—COLONIAL GROWN VEGETABLES.

CLASS.

18.—YAMS, SWEET POTATOS, AND OTHER TUBERS.*Medals or other Prizes at the discretion of the Council.***19.—VEGETABLES OTHER THAN TUBERS.***Medals or other Prizes at the discretion of the Council.***DIVISION III.—PRESERVED FRUITS, JAMS, &c.**

Dried or preserved Fruits of any sort or kind may be shown, subject to the condition of their being tasted by the judges, and of their having been grown in a British Colony.

CLASS.

20.—Colonial Grown and Bottled Fruits in clear glass bottles.

This exhibit must not occupy a space greater than 8 feet by 6 feet, and must not be built up more than 2 feet high in the centre. All alike must be Colonial grown and Colonial prepared.

*Medals or other prizes at the discretion of the Council.***21.—Colonial Grown and Tinned Fruits.** This exhibit must not occupy a space greater than 8 feet by 6 feet, and must not be built up more than 2 feet high in the centre. All alike must be Colonial grown and Colonial prepared.*Medals or other prizes at the discretion of the Council.***22.—Colonial Grown and Dried Fruits.** This exhibit must not occupy a space greater than 8 feet by 6 feet, and must not be built up more than 2 feet high in the centre. All alike must be Colonial grown and Colonial prepared.*Medals or other prizes at the discretion of the Council.***23.—Colonial Grown and Preserved Vegetables.** (Either Bottled, Tinned or Dried.) This exhibit must not occupy a space greater than 8 feet by 6 feet, and must not be built up more than 2 feet high in the centre. All alike must be Colonial grown and Colonial prepared.*Medals or other prizes at the discretion of the Council.***24.—Colonial Grown Fruits made into Jam, Jelly, Syrup, &c., in the Colony, and shown in clear glass bottles.** All must alike be Colonial grown and Colonial prepared.*Medals or other prizes at the discretion of the Council.*

Fellows will be admitted at 11 a.m. on Thursday, March 30th.

The Show will be open to the public on March 30th on payment of 2s. 6d., from 1 to 5 p.m.; and on payment of 1s. from 5 to 6 p.m. Also on payment of 1s. from 10 a.m. till 6 p.m. on Friday, March 31st.

For Entry Forms apply to R.H.S. Office, Vincent Square, S.W.

No Exhibit may be removed until after 6 p.m. on Friday, March 31st.

CLASS

- | | | |
|---------------------------------------|-----------|---------------|
| 1. New or Rare Plants and Flowers. | Open..... | Certificates. |
| 2. New or Rare Fruits and Vegetables. | Open..... | Certificates. |

11.30 a.m. Narcissus and Tulip Committee meets.
 12 noon. Fruit, Floral, and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. T. J. Powell on Retarded Potatoes.
 4 p.m. Scientific Committee Meeting.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*
3. Group of Daffodil Blossoms grown entirely outdoors (Polyanthus varieties excluded); must include some of each section, Magni-, Medio-, and Parvi-Coronati; must contain at least 30 varieties distinct, at least three blooms of each must be shown. Not more than nine blooms of any one variety may be put up. To be staged in bottles, vases or tubes, not exceeding three inches in diameter at the top (inside measurement), and all the stems must touch the water. Quality of flower will count more than quantity, and correct naming and tasteful arrangement will be duly considered. Any hardy foliage may be used, Daffodil or otherwise. No prize will be awarded unless there are three Competitors at least. Open to Amateurs and Gentlemen's Gardeners only. First Prize, a £7 7s. Silver Vase, presented to the Society by Messrs. Barr and Sons. Second Prize, Silver Flora Medal.

11.30 a.m. Narcissus and Tulip Committee meets.
12 noon. Fruit, Floral, and Orchid Committees meet.
1.30 p.m. Council Meeting.
3 p.m. Meeting for the Election of New Fellows. Lecture by
Mr. James Hudson, V.M.H., on The Making of Japanese
Gardens in England; Lantern Slides.
4 p.m. Scientific Committee Meeting.

The NATIONAL AURICULA and PRIMULA SOCIETY will also hold their ANNUAL SHOW in connection with the Meeting on APRIL 25TH.

The R.H.S. contributes £10 towards the Prizes and gives four 2s. 6d. Admission Tickets to all the One Guinea Members of the N.A.P.S., two to their Half-Guinea Members, and one Ticket to the five-shilling Members.

Copies of the Special Schedule and the Regulations for this Show may be had on application to T. E. Henwood, Esq., Auricula Villa, Hamilton Road, Reading.

TUESDAY, MAY 8th.**CLASS.**

1. New or Rare Plants and Flowers. *OpenCertificates.*
2. New or Rare Fruits and Vegetables. *OpenCertificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lectures by Mr. N. Hayashi on Japanese Horticulture, and by Mr. R. Farrer on Japanese Plants and Gardens; Lantern Slides.
- 4 p.m. Scientific Committee Meeting.
-

TUESDAY, MAY 23rd.**CLASS**

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... ..Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid, and Narcissus Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by Mr. E. M. Holmes on Medicinal Plants, old and new; Lantern Slides.
- 4 p.m. Scientific Committee Meeting.

TULIP SHOW.

The NATIONAL TULIP SOCIETY will hold their ANNUAL SHOW (SOUTHERN DIVISION) in connection with the Meeting on MAY 23RD.

The R.H.S. gives four 2s. 6d. Admission Tickets to all the One Guinea Members of the N.T.S., two to the Half-Guinea Members, and one Ticket to their five-shilling Members.

Copies of the Special Schedule and the Regulations for this Show may be had on application to W. Peters, Esq., Hartington Grove, Cambridge.

ON TUESDAY, WEDNESDAY AND THURSDAY,
MAY 30TH AND 31ST, AND JUNE 1ST, 1905,
THE SOCIETY'S GREAT FLOWER SHOW

Will, by the kind permission of the Treasurer and Benchers of the
Inner Temple, be held in the
INNER TEMPLE GARDENS, THAMES EMBANKMENT.

MEETINGS, TUESDAY, MAY 30TH.

- 10.30 a.m. Judging commences.
 - 11 a.m. Fruit, Floral and Orchid Committees assemble.
 - 12 noon. Council Meeting.
 - 12.30 Exhibition opens to Fellows.
-

As on previous occasions, a large number of SILVER CUPS AND MEDALS will be Awarded according to Merit.

Duplicate Award-Cards will in no case be permitted, but a special card to cover the difficulty will be issued.

The Show will be divided into the following Classes, which will each have a separate set of judges:—

CLASS

1. Orchids.
2. Roses.
3. Fruit and Vegetables.
4. Groups staged in the open air.
5. Hardy Herbaceous Plants.
- *6. Alpines and Rock Gardens.
7. Foliage Plants, either alone or mixed with Flowers.
8. Flowering Plants other than Classes 1, 2, 5 and 6.
9. Any Plants that cannot be included in the above.

*A space, 13 by 3, will be uniformly granted for all entries in Class 6, and all exhibits must conform to it.

N.B.—When a group consists in great measure of any particular subject, but also contains a few of some other or others, the group will be considered to come under the appellation of its principal subject.

For the VEITCHIAN CUP, see page 62.

The Council desire that (1) all groups should be less crowded, and that (2) masses of colour should be broken up by the use of green foliage. It would be far better if Exhibitors would be content to show less and confine it to the best of their produce only. (2) applies especially to *Azalea mollis*, and to Tulips, Anemones, and cut flowers generally.

Each set of judges will be requested to use a maximum of 20 points in judging each group, and to allot such number of points (not exceeding 20) to each group as they may consider it deserves.

The increasing demand for space for plants, and the impossibility of obtaining permission to erect more Tents, compel the Council to exclude all **Vases** of arranged Flowers, **Table Decorations**, **Bouquets**, **Sprays**, and such like.

N.B.—Exhibitors are particularly requested **not** to write for space **before** the Schedule is issued, but to apply for the Schedule (enclosing a stamped and directed foolscap envelope) on or after March 31st. Applications received before that date will be disregarded, as also will be any not made on the regulation form supplied with the Schedule.

REGULATIONS FOR EXHIBITORS.

1.—Space being absolutely limited and the demand for it great, note will be made of those who having applied for space and received an allotment, either (i.) fail to fill it or (ii.) fill it with very ordinary or inferior plants and flowers, &c. **N.B.**—The exhibition of Leeks and Onions at this Show is prohibited.

2.—The following must be regarded as the maximum space that can be allowed for groups of the plants mentioned and others similar to them, but the Council reserve absolute freedom to grant less or more :—

100 sq. ft. each—Fruit, Vegetables, Calceolarias, Gloxinias, Carnations, Streptocarpus, Zonal and Ivy-leaf Pelargoniums, Hardy Cut Flowers, and other plants of similar character.

[**N.B.**—**Duplicate Bunches of Cut Flowers** are prohibited. Bunches of Cut Flowers should be less crowded and in as natural a condition as possible—the mutilation of Lilies, *e.g.*, by removal of the anthers being inadmissible.]

150 sq. ft. each—Begonias, Pelargoniums (Show and Fancy), Ferns,
200 sq. ft. each—Orchids.

300 sq. ft. each—Foliage plants, Palms, Caladiums, and others of a similar character.

400 sq. ft. each—Pot Roses, Clematis and Fruit Trees.

3.—The space-limit necessitates the rigid exclusion of all except Plants, Flowers, Fruits and Vegetables. Vases of arranged Flowers, Table Decorations, Bouquets, Sprays, and Horticultural Appliances and Sundries are excluded. Mushroom Spawn is excluded.

4.—All pots which show should be covered, or partly hidden, with *natural* green moss, or with foliage.

5.—Decorative Vegetables, such as coloured Kales, must be shown as Vegetables, and not mixed with Flowers.

6.—The Groups of Maples, Bamboos, and similar plants will be staged outside the tents.

7.—Plants and produce exhibited to show the effect of different Manures and Soils will be placed outside the tents.

8.—When sending in their Entry Forms, Exhibitors must state definitely what class of plants, &c., they wish to exhibit.

9.—After plants have been judged they must not be altered in position or removed till the close of the Show, except by special permission. This does not apply to replacing faded cut-flowers.

10.—All Fruits and Vegetables, when gathered, must be shown in Dishes or Baskets, and these must not exceed 15 inches in diameter if circular, or 19 by 15 if rectangular. Fruit and Vegetables may not be combined in one exhibit but must be placed separately. Flowers may not be mixed with either, but a little green (as of Asparagus) laid down between dishes of fruit is an improvement. Vegetables should be laid on moss or garnished with Parsley. Tomatos will rank as Vegetables. Leeks and Onions may not be shown.

11.—The Council having observed a growing tendency to use glass shades and cases over plants, reserve to themselves the right to remove any they think fit, during the hours the Show is open.

12.—All plants must be named. The name cards of the plants, &c., should be printed or written very distinctly and must contain nothing whatever but the name of the plant. The announcement that the Exhibits have been grown from Messrs So-and-So's Seeds or with Messrs So-and-So's Manures is strictly prohibited. Size of name cards is limited as in Rule 13.

13.—Cards announcing the name and address of the Exhibitor must not exceed 84 square inches, 12 by 7 inches being preferred. They must contain nothing whatever but the name and address.

14.—No other placards, photographs, pictures, Royal Warrants, cups, medals, or advertisements of awards made at previous meetings, will be allowed to be displayed, and any cards considered misleading will be removed.

15.—Small parcels of ordinary trade catalogues may be deposited amongst the plants but no prices are to be advertised in any other way.

16.—Erections or backgrounds, for rockeries, &c., must not exceed 6 ft. 6 in. in height from the ground level. The back of all such erections must, when on the central stage, be neatly covered with green baize on both sides. No other covering material will be allowed.

17.—No coloured paper or ribbons may be used for decoration.

18.—Exhibits must not be removed until half-an-hour after the closing of the Show.

19.—Single Plants, &c., for Certificate may be entered as late as Thursday, May 25th, but no plants can under any circumstances be entered on the Day of the Show.

GENERAL DIRECTIONS

At the Temple Show, 1905.

Exhibitors must post the notice of their intention to exhibit to the *Secretary, R.H.S. Offices, Vincent Square, Westminster, not later than the 11th day before the Show, i.e., on Friday, May 19th, 1905.* Entry Forms bearing a later post mark will be liable to refusal. Unless this regulation is complied with the Secretary cannot be responsible for the names of Exhibitors appearing in the **Official Catalogue**, of which a circulation of **10,000 copies** is guaranteed.

Each Exhibitor should at the same time acquaint the Secretary with the number and names of the Assistants whom he will require for attending to his exhibit during the Show. Passes and Breakfast Tickets to a reasonable number will then be found awaiting the Exhibitor in the **Secretary's tent** at the Temple. The Secretary cannot be responsible for Exhibitor's Passes and Tickets unless this rule is complied with. Breakfast tickets **must** be exchanged between 9 and 10 a.m., or they will be considered cancelled.

Objects for exhibition will be received on the evening of Monday, May 29th, or the morning of the Show up to 9 o'clock, at which hour the gates will be closed and all staging *must* be completed by 10.30 a.m., when the Judges will proceed to make their awards.

The exhibition will close at 6 o'clock on June 1st, *but exhibits must not be removed until 6.30 p.m.*

The Exhibition will be subject to the Society's usual regulations and conditions for Exhibitors, where not otherwise stated.

CATALOGUE OF EXHIBITS, &c.

The Society will issue an **Official Catalogue** for the Temple Show, ten thousand copies of which will be distributed free. This will include particulars of the Society and its Meetings and Shows, and other fixtures, and also Schedule of Plants with names of any new or specially noteworthy ones, being exhibited, and will give the names and addresses of all Exhibitors entered up to Friday, May 19th. There will also be the Programme of the Music to be performed each day by the band.

The Scale of Charges for Advertisements in the TEMPLE SHOW CATALOGUE may be obtained on application to the SECRETARY, Royal Horticultural Society, Vincent Square, Westminster, S.W.

Advertisements for the TEMPLE SHOW CATALOGUE 1905 may be booked at once to secure a good position.

ADMISSION TO THE TEMPLE SHOW, 1905.

(a) Fellows of the Society free on showing their Tickets. N.B.—Each Personal Pass is strictly non-transferable and will admit the Fellow to whom it belongs (but no one else). Transferable Tickets will of course admit bearer.

(b) The Public, by purchased Tickets:—On Tuesday, May 30th, from 12.30 to 7 p.m., 7s. 6d. On Wednesday, May 31st, from 9 a.m. to 7 p.m., 2s. 6d. On Thursday, June 1st, from 9 a.m. to 6 p.m., 1s.

To avoid the inconvenience of crowding, Tickets may be obtained beforehand at the Society's Office, Vincent Square, Westminster, S.W., or at the Treasurer's Office, Inner Temple.

The Society's Offices at Westminster will be closed on the days of the Show, and consequently no letters should be addressed there on the previous day.

On the days of the Show, Tickets will only be on sale near the entrance to the Gardens (Thames Embankment Gate).

SPECIAL NOTICE TO MEMBERS OF AFFILIATED SOCIETIES AND TO GARDENERS.

Members of Affiliated Societies, and *bonâ fide* Gardeners, may obtain 2s. 6d. Tickets for 1s., which will admit them to the exhibition on Wednesday. These tickets *can only be obtained on or before May 27th from the Society's Offices*, Vincent Square, Westminster, S.W., and a large stamped and directed envelope must be sent with Postal Order in every case. Members of Affiliated Societies *must apply only through the Secretary of their own Society* if they wish to take advantage of this privilege.

TUESDAY, JUNE 20th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by Rev. Prof. Henslow, V.M.H., on Plants of the Bible; Lantern Slides.
- 4 p.m. Scientific Committee Meeting.

TUESDAY, JULY 4th.**CLASS.**

1. New or Rare Plants and Flowers. *Open*.....*Certificates.*
2. New or Rare Fruits and Vegetables. *Open*.....*Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by Prof. H. J. Webber, on the Progress of Horticulture in the United States.
- 4 p.m. Scientific Committee Meeting.

SWEET PEA SHOW.

THE NATIONAL SWEET PEA SOCIETY will hold their ANNUAL SHOW in connection with the Meeting on JULY 4TH.

The R. H. S. contributes £10 towards the Prizes, and gives four 2/6 Admission Tickets to all the One Guinea Members of the N.S.P.S., two to the Half-Guinea Members, and one ticket to the Five Shilling Members.

Copies of the Special Schedule and the Regulations for this Show may be had on application to Horace J. Wright, Esq., 32, Dault Road, Wandsworth, S.W.

TUESDAY, JULY 18th.**CLASS**

1. New or Rare Plants and Flowers. *OpenCertificates.*
2. New or Rare Fruits and Vegetables. *OpenCertificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by the Superintendent on the Wisley Gardens; Lantern Slides.
- 4 p.m. Scientific Committee Meeting.

CARNATION AND PICOTEE SHOW.

THE NATIONAL CARNATION AND PICOTEE SOCIETY will hold their ANNUAL SHOW in connection with the Meeting on JULY 18TH.

The R. H. S. contributes £10 towards the Prizes, and gives four 2/6 Admission Tickets to all the One Guinea Members of the N. O. P. S., two to the Half-Guinea Members, and one Ticket to the Five Shilling Members.

Copies of the Special Schedule and the Regulations for this Show may be had on application to T. E. Henwood, Esq., Auricula Villa, Hamilton Road, Reading.

TUESDAY, AUGUST 1st.**CLASS**

1. New or Rare Plants and Flowers. *Open.....Certificates.*
 2. New or Rare Fruits and Vegetables. *Open.....Certificates.*
 3. Collection of Cactaceous Plants. *Amateurs...Prize, Silver Flora Medal.*
- For other Cactus Prizes, Address Mr. Blogg, 65, Brighton Road, Croydon.

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by Mr. C. T. Druery, V.M.H., on British Ferns and their Wild Sports; Lantern Slides.
- 4 p.m. Scientific Committee Meeting,

TUESDAY, AUGUST 15th.**CLASS**

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of Fellows. Lecture by Prof. Craig on Orchard Management; Lantern Slides.
- 4 p.m. Scientific Committee Meeting.

TUESDAY, AUGUST 29th.**CLASS**

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. Lewis Castle on Trees for Towns.
 4 p.m. Scientific Committee Meeting.

TUESDAY, SEPTEMBER 12th.**CLASS**

1. New or Rare Plants and Flowers. *Open.....Certificates.*
2. New or Rare Fruits and Vegetables. *Open.....Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. Walter P. Wright on Potatoes; Lantern Slides.
 4 p.m. Scientific Committee Meeting.

TUESDAY and WEDNESDAY, SEPTEMBER
26th and 27th. — See next page.

CLASS

1. New or Rare Plants and Flowers. *Open Certificates.*
2. New or Rare Fruits and Vegetables. *Open..... Certificates.*

NOTE.—All Exhibits other than Plants for Certificate must remain until
 6 p.m. on the 27th.

MEETINGS On September 26th.

- 11.30 a.m. National Dahlia Society's Committee meets to award
 Certificates to Seedling Dahlias. Entries must be made
 to the Hon. Secretary, N.D.S., at the R.H.S. Office,
 Vincent Square, before 11.15 a.m.
 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. W. F. Cooling on Autumn Roses.
 4 p.m. Scientific Committee Meeting.

Also on September 26th and 27th,
GREAT AUTUMN ROSE SHOW,
 In conjunction with the National Rose Society.

The Schedule will be issued in April, and may be obtained from the R.H.S. Office, Vincent Square.

Fellows will be admitted at 1 p.m. on 26th, and the Show will be open to the Public on 26th on payment of 2s. 6d. from 2 to 5 p.m., and 1s. from 5 to 6 p.m.; also on payment of 1s. from 10 to 6 on 27th.

TUESDAY, WEDNESDAY and THURSDAY,
OCT. 10th, 11th, and 12th, 1905.

**The Society will hold its TWELFTH ANNUAL
 EXHIBITION of BRITISH-GROWN FRUITS.**

A Special Schedule of Prizes will be published on April 3rd, 1905, provided that £300 has been subscribed towards the Prize Fund by that date. Fellows and others are requested to send contributions to the Prize Fund to the Secretary, R.H.S., Vincent Square, Westminster, S.W.

NOTE.—The Floral and Orchid Committees will not meet on this occasion, and only Exhibits of Fruit will be staged.

MEETINGS on October 10th.

- 11 a.m. Fruit Committee meet; Judging commences.
- 1 p.m. Luncheon to Judges.
- 2 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Discussion on Foreign Competition in Fruit and what British Growers should do to meet it. Introduction by Mr. George Bunyard, V.M.H., and Mr. Joseph Cheal.
- 4 p.m. Scientific Committee Meeting.

Fellows will be admitted at 1 p.m. on 10th, and the Show will be open to the Public on 10th on payment of 2s. 6d. from 2 to 6 p.m.; also on payment of 1s. from 10 to 6 p.m. on 11th and 12th.

No Exhibits may be removed before 6 p.m. on 12th.

TUESDAY, OCTOBER 24th.

CLASS

- 1. New or Rare Plants and Flowers. *Open* *Certificates.*
- 2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
- 1.30 p.m. Council Meeting.
- 3 p.m. Meeting for the Election of New Fellows. Lecture by Rev. Prof. Henslow, V.M.H., on the Meaning of Natural Selection.
- 4 p.m. Scientific Committee Meeting.

VEGETABLE SHOW.

The Society will also hold an Exhibition of British Grown Vegetables in connection with this Meeting, the schedule for which will be separately issued in April and may be obtained on application.

TUESDAY, NOVEMBER 7th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Dr. J. A. Voelcker, M.A., on Chemistry in its relation to
 Horticulture.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, NOVEMBER 21st.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by
 Mr. E. T. Cook on Hollies; Lantern Slides.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, DECEMBER 5th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows. Lecture by Mr.
 C. Herman Senn on Crystallization of Fruit and Flowers.
 4 p.m. Scientific Committee Meeting.
-

TUESDAY, DECEMBER 19th.**CLASS**

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows.
 4 p.m. Scientific Committee Meeting.

1906.

TUESDAY, JANUARY 9th.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon . Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows.
 4 p.m. Scientific Committee Meeting.

TUESDAY, JANUARY 23rd.

CLASS

1. New or Rare Plants and Flowers. *Open* *Certificates.*
2. New or Rare Fruits and Vegetables. *Open* *Certificates.*

MEETINGS.

- 12 noon. Fruit, Floral and Orchid Committees meet.
 1.30 p.m. Council Meeting.
 3 p.m. Meeting for the Election of New Fellows.
 4 p.m. Scientific Committee Meeting.

HOURS OF CLOSING, AFTER WHICH EXHIBITS MAY BE REMOVED FROM THE HALL.

| | | | |
|---------------|--------------|-------------------|--------------|
| January 3rd | } 5 o'clock. | November 7th | } 5 o'clock. |
| " 24th | | " 21st | |
| February 14th | | December 5th | |
| " 28th | | " 19th | |
| | | January 9th, 1906 | |
| | | " 23rd | |

All other single-day Shows, 6 o'clock.

In the case of two-day Shows at Vincent Square, the Hall is open on the 1st day till 6 p.m., as also on October 11th and 12th.

No exhibits to be removed before the close of the Shows.

REGULATIONS FOR EXHIBITORS COMPETING FOR PRIZES AT THE HALL.

See pages 68 et seq.

(For Special Regulations for Temple Show, see p.p. 74-77.)

I. Any prizes offered by the Royal Horticultural Society are, unless otherwise specified, open to all competitors residing in the United Kingdom complying with the following regulations.

II. Judging will be, as far as possible, on the lines laid down in the R.H.S. "Code of Rules for Judging, &c."

III. Exhibitors must give at least four clear days' notice by letter to the Secretary, R.H.S., Vincent Square, S.W., of the Class or Classes in which they intend to exhibit, and the amount of space required. As to New plants, &c., for the Committees, *see p. 57 et seq.*

IV. Cards corresponding with the entries will be furnished on the morning of the Exhibition by the Superintendent.

V. Exhibitors will be responsible for the proper placing of these cards, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

VI. Objects for competition will be received on the morning of the Exhibition up to 11.30 a.m., at which hour the doors will be closed.

VII. Officers of the Society will direct the placing of all exhibits.

VIII. Only *bonâ fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their exhibits, will be admitted previous to the Exhibition being opened to the Public. *All persons (except such as may be officially retained by the Society) must retire at 12 noon, at which hour the Judges will proceed to make the awards. For Temple Show, see pp. 74 and 77.*

IX. No Exhibitor may compete in two similar Classes, differing *only* in the *number* of plants, &c., required.

X. In order to prevent inferior exhibits obtaining too high awards, the Judges will withhold, or partially withhold, the prizes when the exhibits are not, in their opinion, of sufficient merit.

XI. **All specimens must be the *bonâ fide* property of, and have been grown by, the Exhibitor or his employer. Any prize obtained contrary to this regulation will be forfeited, and the Exhibitor excluded from future shows.**

XII. The decision of the Judges shall be final as to the relative merit of the exhibits, but the Council reserve to themselves the decision of any other points in dispute.

XIII. The Council will not be responsible for damage done to Plants, Fruits, or other objects, during or after the Exhibitions, but all ordinary care will be taken of them.

XIV. Exhibitors' Pass Tickets for necessary attendants only, will be supplied by the Superintendent.

A Special Schedule will be issued, for the Home Grown Vegetable Show on September 12th, the Autumn Rose Show on September 26th, 27th, and the British Fruit Show on October 10th, 11th and 12th.

[This Form can be easily detached for use.]

THE
ROYAL HORTICULTURAL SOCIETY.

Established
A.D. 1804.



Incorporated
A.D. 1809.

VINCENT SQUARE, WESTMINSTER, S.W.

Telegrams: "HORTENSIA, LONDON."

Telephone No. 5363 Westminster.

Form of Recommendation for a FELLOW of the
Royal Horticultural Society.

Name

Description

Address

being desirous of becoming a FELLOW of the ROYAL HORTICULTURAL
SOCIETY, we whose Names are underwritten beg leave to recommend
him (her) to that honour; he is desirous of subscribing*
Guineas a year.

Proposed by

Seconded by

* Kindly enter here the word *four* or *two* or *one*.

It would be a convenience if the Candidate's Card were sent at the same
time.

Signed on behalf of the Council, this day of 190

CHAIRMAN.

L.A.R.I. 75.

IMPERIAL AGRICULTURAL RESEARCH
INSTITUTE LIBRARY
NEW DELHI.

[illegible]